```
                                    GenCore version 5.1.7
                                    Copyright (c) 1993 - 2006 Bioacceleration Ltd.

OM nucleic - nucleic search, using sw model

Run on:          March 17, 2006, 20:19:45 ; Search time 835.043 Seconds
                                             (without alignments)
                                             1497.594 Million cell updates/sec

Title:           US-10-625-124-4
Perfect score:   22
Sequence:        1 gcccccattacccatcccagattg 22

Searched:        5883141 seqs, 28421725653 residues

Scoring table:   IDENTITY_NUC
                 Gapop 10.0 , Gapext 1.0

Total number of hits satisfying chosen parameters:   11766282

Minimum DB seq length: 0
Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%
                 Maximum Match 100%
                 Listing first 500 summaries

Database :       GenEmbl:*
             1:  gb_ba:*
             2:  gb_in:*
             3:  gb_env:*
             4:  gb_om:*
             5:  gb_ov:*
             6:  gb_ph:*
             7:  gb_pat:*
             8:  gb_pri:*
             9:  gb_ro:*
            10:  gb_sts:*
            11:  gb_sy:*
            12:  gb_un:*
            13:  gb_vi:*
            14:  gb_hg:*
            15:  gb_pl:*
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Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

	Result No.	Score	% Query Match	Length	DB	ID	Description
c	1	22	100.0	12990	8	HSBTDSS2	AF018631 Homo sapi
c	2	22	100.0	147123	14	AC027030	AC027030 Homo sapi
c	3	22	100.0	192031	8	AC027129	AC027129 Homo sapi
c	4	22	100.0	199288	8	AC090950	AC090950 Homo sapi
c	5	18.8	85.5	158888	14	AC068415	AC068415 Homo sapi
c	6	18.8	85.5	160917	8	AC107614	AC107614 Homo sapi
c	7	18.8	85.5	180939	14	AL596206	AL596206 Homo sapi
c	8	18.8	85.5	184311	8	AL358176	AL358176 Human DNA
c	9	18.8	85.5	110000	14	BX901940_0	BX901940 Mus muscu
c	10	18.4	83.6	110000	14	BX901940_2	Continuation (3 of
c	11	18.4	83.6	149707	5	CR407559	CR407559 Zebrafish
c	12	18.4	83.6	154643	14	CR848784	CR848784 Danio rer
c	13	18.4	83.6	178116	9	AL669939	AL669939 Mouse DNA
c	14	18.4	83.6	19500	14	BX957327	BX957327 Danio rer
c	15	18.4	83.6	205316	5	BX548078	BX548078 Zebrafish
c	16	18.4	83.6	208497	14	AC127844	AC127844 Rattus no
c	17	18.4	83.6	210000	5	AL844193	AL844193 Zebrafish
c	18	18.4	83.6	249386	14	CR382374	CR382374 Danio rer
c	19	18.4	80.9	262129	14	AC097899	AC097899 Rattus no
c	20	18.4	83.6	283631	14	AC112536	AC112536 Rattus no
c	21	18.4	83.6	300588	14	AL845541	AL845541 Mus muscu
c	22	18	81.8	136939	14	AC149521	AC149521 Xenopus t
c	23	18	81.8	194224	5	BX465842	BX465842 Zebrafish
c	24	18	80.9	840	5	BX936177	BX936177 Gallus ga
c	25	17.8	80.9	253	10	BV361992	BV361992 S231P6365
c	26	17.8	80.9	375	15	AY251417	AY251417 Everniast
c	27	17.8	80.9	566	3	AY251418	AY251418 Everniast
c	28	18	80.9	470	3	DQ064974	DQ064974 Uncultur
c	29	17.8	80.9	840	5	BX936177	BX936177 Caenorhab
c	30	17.8	80.9	56511	2	AC084467	AC084467 Sequence
c	31	17.8	80.9	63155	8	AX646257	AX646257 Homo sapi
c	32	17.8	80.9	63155	8	AB065664	AB065664 Homo sapi
c	33	17.8	80.9	71294	14	AC105096	AC105096 Homo sapi
c	34	17.8	80.9	76993	14	AC157708	AC157708 Xenopus t
c	35	17.8	80.9	79904	14	AC166144	AC166144 Xenopus t
c	36	17.8	80.9	84335	14	AC018387	AC018387 Homo sapi
c	37	17.8	80.9	84345	5	BX936380	BX936380 Zebrafish
c	38	17.8	80.9	103366	14	AC155974	AC155974 Xenopus t
c	39	17.8	80.9	110000	14	CR161450_0	CR161450_0 Continuation (9 of
c	40	17.8	80.9	111461	15	AP005368	AP005368 Homo sapi
c	41	17.8	80.9	112160	8	AL732589	AL732589 Mouse DNA
c	42	17.8	80.9	134644	14	AC115068	AC115068 Mus muscu
c	43	17.8	80.9	134951	9	AC155996	AC155996 Xenopus t
c	44	17.8	80.9	139079	14	AC016114	AC016114 Homo sapi
c	45	17.8	80.9	143280	14	AC104838	AC104838 Homo sapi
c	46	17.8	80.9	144902	14	AC022195	AC022195 Homo sapi
c	47	17.8	80.9	146746	5	AC102139	AC102139 Homo sapi
c	48	17.8	80.9	149126	14	AL662885	AL662885 Human DNA
c	49	17.8	80.9	152144	14	AL669957	AL669957 Homo sapi
c	50	17.8	80.9	152946	9	AP005359	AP005359 Homo sapi
c	51	17.8	80.9	154060	8	AL139379	AL139379 Human DNA
c	52	17.8	80.9	160864	14	AC067721	AC067721 Homo sapi
c	53	17.8	80.9	162196	14	AC118069	AC118069 Rattus no
c	54	17.8	80.9	164913	8	AL356021	AL356021 Human chr
c	55	17.8	80.9	166237	8	CT025605	CT025605 Zebrafish
c	56	17.8	80.9	172953	8	BX530026	BX530026 Zebrafish
c	57	17.8	80.9	179244	9	AC111137	AC111137 Mus muscu
c	58	17.8	80.9	184656	14	CR388217	CR388217 Danio rer
c	59	17.8	80.9	188845	14	AC161585	AC161585 Mus muscu
c	60	17.8	80.9	190980	5	AC009492	AC009492 Homo sapi
c	61	17.8	80.9	197271	9	AC094667	AC094667 Rattus no
c	62	17.8	80.9	199451	14	AC123342	AC123342 Rattus no
c	63	17.8	80.9	211181	9	AL603720	AL603720 Rattus no
c	64	17.8	80.9	212549	8	AC140915	AC140915 Rattus no
c	65	17.8	80.9	217823	14	AC150566	AC150566 Medicago
c	66	17.8	80.9	224173	5	AC124387	AC124387 Mus muscu
c	67	17.8	80.9	231341	5	AL147723	AL147723 Pongo pyg
c	68	17.8	80.9	234420	14	AC120150	AC120150 Mus muscu
c	69	17.8	80.9	261639	14	CR318590	CR318590 Zebrafish
c	70	17.8	80.9	266298	14	CR759809	CR759809 Danio rer
c	71	17.8	80.9	271708	14	CR848804	CR848804 Danio rer
c	72	17.8	80.9	299112	14	RN462P8	RN462P8 Rattus no
c	73	17.8	80.9	61582	14	CR382364	CR382364 Danio rer
c	74	17.4	80.9	120364	15	AC124497	AC124497 Mus muscu
c	75	17.4	79.1	130991	9	CR318616	CR318616 Danio rer
c	76	17.4	79.1	159689	14	AC165351	AC165351 Mus muscu
c	77	17.4	79.1	164262	14	AC154526	AC154526 Mus muscu
c	78	17.4	79.1	166172	9	AC115559	AC115559 Rattus no
c	79	17.4	79.1	169599	5	AC115559	AC115559 Rattus no
c	80	17.4	79.1	178098	14	AC129110	AC129110 Rattus no
c	81	17.4	79.1	187377	14	AC096165	AC096165 Rattus no
c	82	17.4	79.1	188721	14	AC131632	AC131632 Rattus no
c	83	17.4	79.1	206926	9	CR382364	CR382364 Danio rer
c	84	17.4	79.1	215672	14	AC124497	AC124497 Mus muscu
c	85	17.4	79.1	216420	14	CR318616	CR318616 Danio rer
c	86	17.4	79.1	218606	14	AC165351	AC165351 Mus muscu
c	87	17.4	79.1	219420	9	AC154526	AC154526 Mus muscu
c	88	17.4	79.1	225257	14	AC115559	AC115559 Rattus no
c	89	17.4	79.1	236772	14	AC129110	AC129110 Rattus no
c	90	17.4	79.1	237777	14	AC096165	AC096165 Rattus no
c	91	17.4	79.1	244795	14	AC131632	AC131632 Rattus no

c	No.			Length		Accession	Description
c	92	17.4	79.1	248311	14	AC108572	AC108572 Rattus no
c	93	17.4	79.1	270662	9	AC132962	AC132962 Rattus no
c	94	17.4	79.1	348946	9	BX883051	BX883051 Rattus sapi
c	95	17.4	79.1	405	6	CQ481458	CQ481458 Sequence
c	96	17.2	78.2	464	8	AY190789	AY190789 Aotus tri
c	97	17.2	78.2	543	10	BV673442	BV673442 S215P6120
c	98	17.2	78.2	707	10	MUSRSDI2A	J00634 mouse repeat
c	99	17.2	78.2	742	10	BV673914	BV673914 S215P6012
c	100	17.2	78.2	1006	10	BV673820	BV673820 S215P6038
c	101	17.2	78.2	1116	6	AR226665	AR226665 Sequence
c	102	17.2	78.2	1126	6	AF278737	AF278737 Aotus aza
c	103	17.2	78.2	2561	6	CQ573974	CQ573974 Sequence
c	104	17.2	78.2	2695	6	CQ610334	CQ610334 Sequence
c	105	17.2	78.2	4923	15	AB001077	AB001077 Candida a
c	106	17.2	78.2	33796	8	AY623117	AY623117 Homo sapi
c	107	17.2	78.2	40150	14	AC020043	AC020043 Drosophil
c	108	17.2	78.2	68462	14	AC044854	AC044854 Homo sapi
c	109	17.2	78.2	69882	8	HSDJ635H5	HSDJ635H5 Homo sapi
c	110	17.2	78.2	75892	14	AC156260	AC156260 Medicago
c	111	17.2	78.2	77134	10	AC146380	AC146380 Pan trogl
c	112	17.2	78.2	80819	5	BX323020	BX323020 Zebrafish
c	113	17.2	78.2	80538	8	AC127904	AC127904 Homo sapi
c	114	17.2	78.2	85538	8	AC092207	AC092207 Homo sapi
c	115	17.2	78.2	89871	8	AC073650	AC073650 Homo sapi
c	116	17.2	78.2	91200	8	CR626873	CR626873 Human DNA
c	117	17.2	78.2	93411	8	AC005480	AC005480 Homo sapi
c	118	17.2	78.2	94308	14	AC139730	AC139730 Takifugu
c	119	17.2	78.2	100117	15	AL365505	AL365505 Human DNA
c	120	17.2	78.2	108579	8	CR759738	CR759738 Human DNA
c	121	17.2	78.2	110000	14	BA000031_16	Continuation (17 o
c	122	17.2	78.2	110000	14	AC004085_2	Continuation (3 of
c	123	17.2	78.2	110000	14	AC095088_0	AC004085_2 Homo sapi
c	124	17.2	78.2	110000	15	AC133155_2	AC095088 Rattus no
c	125	17.2	78.2	111000	14	AP008374	Continuation (95 o
c	126	17.2	78.2	113213	15	AP006374	AP008374 Lotus cor
c	127	17.2	78.2	113813	14	AL671986	AP006374 Human DNA
c	128	17.2	78.2	114842	8	AC002996	AL671986 Human DNA
c	129	17.2	78.2	115756	8	AL049795	AC002996 Homo sapi
c	130	17.2	78.2	118465	8	AP004550	AL049795 Human DNA
c	131	17.2	78.2	120221	8	AC166538	AP004550 Homo sapi
c	132	17.2	78.2	130221	5	BX640470	AC166538 Bos tauru
c	133	17.2	78.2	131868	8	AC073613	BX640470 Zebrafish
c	134	17.2	78.2	137432	14	AL035603	AC073613 Homo sapi
c	135	17.2	78.2	138443	8	AL360086	AL035603 Human DNA
c	136	17.2	78.2	143027	8	AC073345	AL360086 Homo sapi
c	137	17.2	78.2	144834	14	AL353588	AC073345 Homo sapi
c	138	17.2	78.2	145947	8	AC136307	AL353588 Human DNA
c	139	17.2	78.2	149875	14	AC166491	AC136307 Homo sapi
c	140	17.2	78.2	149903	14	AL031785	AC166491 Mus muscu
c	141	17.2	78.2	152553	8	AC091980	AL031785 Human DNA
c	142	17.2	78.2	153133	8	AC122529	AC091980 Homo sapi
c	143	17.2	78.2	159294	14	AC157862	AC122529 Mus muscu
c	144	17.2	78.2	159316	14	AC148129	AC157862 Papio anu
c	145	17.2	78.2	161131	14	CR936835	AC148129 Carollia
c	146	17.2	78.2	161249	2	AC105292	CR936835 Danio rer
c	147	17.2	78.2	161360	14	CR933737	AC105292 Drosophil
c	148	17.2	78.2	162662	14	CR933737	CR933737 Danio rer
c	149	17.2	78.2	163674	14	AC145799	AC145799 Xenopus t
c	150	17.2	78.2	164500	14	AC121307	AC121307 Mus muscu
c	151	17.2	78.2	165154	9	AL359698	AL359698 Homo sapi
c	152	17.2	78.2	166168	14	AC013372	AC013372 Homo sapi
c	153	17.2	78.2	168160	14	AL731898	AL731898 Homo sapi
c	154	17.2	78.2	169304	14	AC024288	AC024288 Homo sapi
c	155	17.2	78.2	169540	8	AY050668	AY050668 Homo sapi
c	156	17.2	78.2	169660	8	AC011479	AC011479 Homo sapi
c	157	17.2	78.2	169661	14	AC120042	AC120042 Homo sapi
c	158	17.2	78.2	170940	14	AC026573	AC026573 Homo sapi
c	159	17.2	78.2	171206	14	CR931959	CR931959 Danio rer
c	160	17.2	78.2	172483	14	AC142134	AC142134 Rattus no
c	161	17.2	78.2	172627	14	AC093246	AC093246 Homo sapi
c	162	17.2	78.2	175154	14	AC147862	AC147862 Papio anu
c	163	17.2	78.2	175468	8	AC148062	AC148062 Papio anu
c	164	17.2	78.2	176409	14	AC019357	AC019357 Homo sapi
		17.2	78.2	181694	8	AL954138	AL954138 Zebrafish
		17.2	78.2	183082	5	AL954138	AL954138 Zebrafish

c	No.			Length		Accession	Description
c	165	17.2	78.2	185895	8	AC068467	AC068467 Homo sapi
c	166	17.2	78.2	186451	14	AC150615	AC150615 Callithri
c	167	17.2	78.2	187260	8	AC018976	AC018976 Homo sapi
c	168	17.2	78.2	187589	15	AC083942	AC083942 Genomic s
c	169	17.2	78.2	187946	14	AC073961	AC073961 Homo sapi
c	170	17.2	78.2	188482	14	AC144467	AC144467 Papio anu
c	171	17.2	78.2	188888	6	AX675240	AX675240 Sequence
c	172	17.2	78.2	188888	14	AC027142	AC027142 Homo sapi
c	173	17.2	78.2	190570	14	AL157894	AL157894 Homo sapi
c	174	17.2	78.2	191857	8	AC119741	AC119741 Homo sapi
c	175	17.2	78.2	192101	5	AC144702	AC144702 Danio rer
c	176	17.2	78.2	193648	8	AC110926	AC110926 Homo sapi
c	177	17.2	78.2	194691	14	AC068221	AC068221 Homo sapi
c	178	17.2	78.2	194063	9	AC123075	AC123075 Homo sapi
c	179	17.2	78.2	205095	14	AC117211	AC117211 Mus muscu
c	180	17.2	78.2	206757	14	AC153292	AC153292 Bos tauru
c	181	17.2	78.2	208823	8	AC025532	AC025532 Homo sapi
c	182	17.2	78.2	213721	8	AL022319	AL022319 Human DNA
c	183	17.2	78.2	214198	14	AC163527	AC163527 Bos tauru
c	184	17.2	78.2	215972	14	AC146017	AC146017 Pan trogl
c	185	17.2	78.2	220120	8	AC145906	AC145906 Pan trogl
c	186	17.2	78.2	224670	8	AC048380	AC048380 Homo sapi
c	187	17.2	78.2	260646	14	AC094763	AC094763 Rattus no
c	188	17.2	78.2	257208	14	AC157118	AC157118 Bos tauru
c	189	17.2	78.2	252444	14	AC161557	AC161557 Bos tauru
c	190	17.2	78.2	251688	14	AC123114	AC123114 Rattus no
c	191	17.2	78.2	243789	14	AC136416	AC136416 Rattus no
c	192	17.2	78.2	233615	14	AC118497	AC118497 Rattus no
c	193	17.2	78.2	287721	2	AE003447	AE003447 Drosophil
c	194	17.2	78.2	269993	14	AP000933	AP000933 Homo sapi
c	195	17.2	78.2	302966	1	AE017173	AE017173 Porphyrom
c	196	17.2	78.2	307337	14	AL360176	AL360176 Human DNA
c	197	17.2	78.2	312853	14	AC118393	AC118393 Rattus no
c	198	17.2	78.2	312965	14	AC097978	AC097978 Rattus no
c	199	17	77.3	40090	2	AC006611	AC006611 Caenorhab
c	200	17	77.3	70000	8	AY064247	AY064247 Homo sapi
c	201	17	77.3	73794	14	AC101544	AC101544 Mus muscu
c	202	17	77.3	137378	14	AC108192	AC108192 Felis cat
c	203	17	77.3	138050	8	CR318645	CR318645 Zebrafish
c	204	17	77.3	140884	8	AC139618	AC139618 Homo sapi
c	205	17	77.3	155629	14	AC108196	AC108196 Felis cat
c	206	17	77.3	155699	8	AL360176	AL360176 Human DNA
c	207	17	77.3	155250	9	AC107293	AC107293 Homo sapi
c	208	17	77.3	158591	14	AC093022	AC093022 Mus muscu
c	209	17	77.3	161424	14	AC018367	AC018367 Homo sapi
c	210	17	77.3	162495	14	AC015647	AC015647 Homo sapi
c	211	17	77.3	164651	14	AC022356	AC022356 Homo sapi
c	212	17	77.3	170184	8	AC096917	AC096917 Homo sapi
c	213	17	77.3	178314	14	AC144521	AC144521 Homo sapi
c	214	17	77.3	178314	14	AC144347	AC144347 Homo sapi
c	215	17	77.3	185763	8	AF152363	AF152363 Homo sapi
c	216	17	77.3	182273	9	AL137679	AL137679 Mus muscu
c	217	17	77.3	198714	8	CNS05TDW	CNS05TDW Human chr
c	218	17	77.3	202212	8	CNS05IRGF	CNS05IRGF Human chr
c	219	17	77.3	207214	14	AC152297	AC152297 Bos tauru
c	220	17	77.3	212977	14	AC134108	AC134108 Rattus no
c	221	17	77.3	233491	9	AC093043	AC093043 Mus muscu
c	222	17	77.3	233403	14	AC152305	AC152305 Homo sapi
c	223	17	77.3	299670	14	CR352293	CR352293 Danio rer
c	224	17	77.3	344	10	BV059346	BV059346 Caenorhab
c	225	16.8	76.4	677	6	AC006845	AC006845 Homo sapi
c	226	16.8	76.4	691	6	CQ485914	CQ485914 Sequence
c	227	16.8	76.4	1973	6	CQ473821	CQ473821 Sequence
c	228	16.8	76.4	1973	8	BD159164	BD159164 Primer fo
c	229	16.8	76.4	1973	8	AX881622	AX881622 Sequence
c	230	16.8	76.4	3106	6	AK021816	AK021816 Homo sapi
c	231	16.8	76.4	1973	14	BC073074	BC073074 Homo sapi
c	232	16.8	76.4	6533	13	AF282292	AF282292 Xenopus l
c	233	16.8	76.4	6533	13	BUHANL	BUHANL Hantaviru
c	234	16.8	76.4	6533	13	X55901	X55901 Hantaan vir
c	235	16.8	76.4	6533	13	D25528	D25528 Hantaan vir
c	236	16.8	76.4	6717	15	D25531	D25531 Hantaan vir
c	237	16.8	76.4	11302	1	HANC11RDRP	HANC11RDRP Hantaan vir
						AJ401226	AJ401226 Lotus jap
						AF121266	AF121266 Acinetoba

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                    GenCore version 5.1.7
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OM nucleic - nucleic search, using sw model

Run on:          March 17, 2006, 19:50:39 ; Search time 409.152 Seconds
                                             (without alignments)
                                             358.359 Million cell updates/sec

Title:           US-10-625-124-4
Perfect score:   22
Sequence:        1 gccccattacattccagattg 22

Searched:        4996997 seqs, 3332346308 residues

Scoring table:   IDENTITY_NUC
                 Gapop 10.0 , Gapext 1.0

Total number of hits satisfying chosen parameters:        9993994

Minimum DB seq length: 0
Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%
                 Maximum Match 100%
                 Listing first 500 summaries

Database :       N_Geneseq_21:*
                 1:  geneseqn1980s:*
                 2:  geneseqn1990s:*
                 3:  geneseqn2000s:*
                 4:  geneseqn2001as:*
                 5:  geneseqn2001bs:*
                 6:  geneseqn2002as:*
                 7:  geneseqn2002bs:*
                 8:  geneseqn2003as:*
                 9:  geneseqn2003bs:*
                 10: geneseqn2003cs:*
                 11: geneseqn2003ds:*
                 12: geneseqn2004as:*
                 13: geneseqn2004bs:*
                 14: geneseqn2005s:*
```

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	% Query Match	Length	DB	ID	Description
1	22	100.0	22	13	ADU17692	Adu17692 Forward P
2	22	100.0	12990	13	ADU17691	Adu17691 Human bio
c 3	17.8	80.9	1580	10	ADD72058	Add72058 Human uri
c 4	17.8	80.9	2138	10	ADD72061	Add72061 Human uri
c 5	17.8	80.9	63155	10	ADC85996	Adc85996 Human GPC
c 6	17.8	80.9	151858	13	ABD33489	Abd33489 Murine ca
c 7	17.2	78.2	405	4	ABV13334	Abv13334 Human pro
c 8	17.2	78.2	2561	4	ABL02994	Abl02994 Drosophil
c 9	17.2	78.2	2695	4	ABL27234	Abl27234 Drosophil
c 10	17.2	78.2	53779	14	AEA61175	Aea61175 Human ENT
c 11	17.2	78.2	115756	6	ACD13448	Acd13448 Human DNA
c 12	17.2	78.2	188888	6	ABQ75562	Abq75562 Human rel
c 13	16.8	76.4	677	5	ABV17790	Abv17790 Human pro
c 14	16.8	76.4	691	5	ABV05697	Abv05697 Human pro
c 15	16.8	76.4	1108	13	ADX27769	Adx27769 Plant ful
c 16	16.8	76.4	1973	4	AAH17172	Aah17172 Human cDN
c 17	16.8	76.4	3089	4	AAK70519	Aak70519 Human imm
18	16.8	76.4	110000	10	ADE11169_1	Continuation (2 of
19	16.8	76.4	110000	10	ADE11169_2	Continuation (3 of
c 20	16.8	76.4	141912	10	ADC86530	Adc86530 Human GPC
21	16.4	74.5	460	9	ACH16728	Ach16728 Human adu
22	16.4	74.5	641	10	AAK88946	Aak88946 Human dig
23	16.4	74.5	1190	10	ADK15243	Adk15243 Urinary s
24	16.4	74.5	1411	10	ADK15244	Adk15244 Urinary s
25	16.4	74.5	1414	10	ADK15245	Adk15245 Urinary s
26	16.4	74.5	1957	6	ABL56672	Abl56672 Nucleotid
27	16.4	74.5	2023	4	AAK88201	Aak88201 Human dig
c 28	16.4	74.5	6317	6	ABL32409	Abl32409 Human imm
29	16.4	74.5	6317	6	ABL49312	Abl49312 Human pol
30	16.4	74.5	6317	6	AAD58261	Aad58261 Murine tu
31	16.4	74.5	77287	9	ABD32966_05	Continuation (6 of
32	16.4	74.5	110000	13	ABD329966_06	Continuation (7 of
33	16.4	74.5	100000	9	AAD58258	Aad58258 Murine tu
34	16.2	73.6	404	9	ACH46865	Ach46865 Human inf
35	16.2	73.6	539	12	AAK93027	Aak93027 Human CDN
36	16.2	73.6	539	4	ADI29454	Adi29454 3' end of
37	16.2	73.6	718	4	AAI96838	Aai96838 Human neu
38	16.2	73.6	719	4	AAI96939	Aai96939 Human neu
c 39	16.2	73.6	1314	8	ABZ31843	Abz31843 Candida a
40	16.2	73.6	1337	8	ACD05923	Acd05923 Novel hum
41	16.2	73.6	1368	8	ADA71347	Ada71347 Rice gene
42	16.2	73.6	1647	8	ABZ12214	Abz12214 Arabidops
43	16.2	73.6	1906	10	ADE56092	Ade56092 Rat gene
44	16.2	73.6	2000	6	ABZ15502	Abz15502 Arabidops
45	16.2	73.6	2000	11	ACL35719	Acl35719 Rice stre
46	16.2	73.6	3391	12	AAD33743	Aad33743 Mouse drg
47	16.2	73.6	3391	12	ADH08517	Adh08517 DNA seque
48	16.2	73.6	3459	14	ABV24733	Abv24733 Human pro
49	16.2	73.6	3611	14	ADZ09585	Adz09585 Human bre
50	16.2	73.6	3641	12	AAK52222	Aak52222 Human pol
51	16.2	73.6	3705	12	ADJ35089	Adj35089 DNA encod
52	16.2	73.6	14671	10	ADE63482	Ade63482 Rat gene
53	16.2	73.6	14671	10	ADE63481	Ade63481 Rat gene
54	16.2	73.6	14671	10	ADE63479	Ade63479 Rat gene
55	16.2	73.6	14671	10	ADE63480	Ade63480 Rat gene
56	16.2	73.6	19205	5	AAS34685	Aas34685 Human DNA
57	16.2	73.6	39328	13	ABL91800	Abl91800 Human lip
58	16.2	73.6	39533	13	ABD32744	Abd32744 Human can
59	16.2	73.6	41159	13	AAK65631	Aak65631 Human imm
60	16.2	73.6	43950	13	AAD36022	Aad36022 Human kin
c 61	16.2	73.6	62658	13	ABD33339	Abd33339 Human can
62	16.2	73.6	75033	12	ADP66763	Adp66763 Human end
63	16.2	73.6	98345	6	ABD32892	Abd32892 Human can
64	16.2	73.6	294575	14	AEA61217	Aea61217 Human STK
65	16.2	73.6	313287	13	ABD33100	Abd33100 Human can
66	16	72.7	605	13	ACN52486	Acn52486 Cotton an
67	16	72.7	780	6	ABO68138	Abo68138 Listeria
68	16	72.7	780	6	ABQ69997	Abq69997 Listeria
69	16	72.7	1352	6	ADG79252	Adg79252 Human can
70	16	72.7	110000	6	ABA03041_16	Continuation (17 o
c 71	15.8	71.8	97	12	ADF99875	Adf99875 Nicotiana
72	15.8	71.8	287	10	ADK59470	Adk59470 Plant DNA
c 73	15.8	71.8	293	4	ABA73658	Aba73658 Human foe
c 74	15.8	71.8	293	4	AAI54097	Aai54097 Probe #22
75	15.8	71.8	293	4	AAK48272	Aak48272 Human bon
76	15.8	71.8	293	4	AAK22105	Aak22105 Human bra
77	15.8	71.8	368	3	AAC74595	Aac74595 Human ORF
78	15.8	71.8	368	6	ABN19186	Abn19186 Human ORF
79	15.8	71.8	408	4	AAK56248	Aak56248 Human imm
c 80	15.8	71.8	435	10	ADF66356	Adf66356 Human mic
c 81	15.8	71.8	550	4	ABA61132	Aba61132 Human foe
c 82	15.8	71.8	550	4	AAI41032	Aai41032 Human bon
c 83	15.8	71.8	550	4	AAK35319	Aak35319 Human bon
84	15.8	71.8	550	4	AAK09427	Aak09427 Human bon
85	15.8	71.8	554	10	ADE34451	Ade34451 Human G-p
c 86	15.8	71.8	629	5	ABV50116	Abv50116 Human pro
87	15.8	71.8	876	5	AAV53511	Aav53511 DNA encod
c 88	15.8	71.8	876	4	AAL01031	Aal01031 Human rep
c 89	15.8	71.8	876	4	ABL96498	Abl96498 Human tes
c 90	15.8	71.8	973	3	AAA87772	Aaa87772 Human sec
c 91	15.8	71.8	973	5	AAF64054	Aaf64054 cDNA enco
c 92	15.8	71.8	973	12	ADP18792	Adp18792 Human sec

No	Flag			Length	Count	Accession	Description
93		15.8	71.8	1128	10	ADE34453	Ade34453 Human G-p
94		15.8	71.8	1208	10	ADE34452	Ade34452 Human G-p
95		15.8	71.8	1236	4	AAI60908	Aai60908 Human G-p
96		15.8	71.8	1236	4	AAI60907	Aai60907 Human pol
97	c	15.8	71.8	1515	8	ACA24611	Aca24611 Prokaryot
98	c	15.8	71.8	1661	10	ADC30427	Adc30427 Human nov
99	c	15.8	71.8	1727	13	ADT15434	Adt15434 Plant cDN
100	c	15.8	71.8	1738	3	AAC41235	Aac41235 Arabidops
101	c	15.8	71.8	1986	6	ABK34804	Abk34804 Human cDN
102	c	15.8	71.8	2145	5	AAS70357	Aas70357 DNA encod
103	c	15.8	71.8	2521	4	AAI59122	Aai59122 Human pol
104	c	15.8	71.8	2521	5	ADQ99345	Adq99345 DNA encod
105	c	15.8	71.8	2521	9	ADB49105	Adb49105 Novel hum
106	c	15.8	71.8	2550	4	AAI59121	Aai59121 Human pol
107	c	15.8	71.8	2550	5	ADQ99344	Adq99344 DNA encod
108	c	15.8	71.8	2550	9	ADB49104	Adb49104 Novel hum
109	c	15.8	71.8	2610	13	ADS48119	Ads48119 Bacterial
110	c	15.8	71.8	3052	10	ADF82148	Adf82148 Leukaemia
111	c	15.8	71.8	3213	6	ABN79857	Abn79857 Fungal ZB
112		15.8	71.8	3331	11	AAH18407	Aah18407 Human mRN
113		15.8	71.8	3333	14	ADY17948	Adyl7948 DNA encod
114		15.8	71.8	3424	14	ADR06654	Adr06654 Full leng
115	c	15.8	71.8	3440	14	ADX03749	Adx03749 Human miR
116		15.8	71.8	3440	11	ACN92492	Acn92492 Breast ca
117		15.8	71.8	3441	5	ADL45928	Adl45928 Human ova
118		15.8	71.8	3845	12	ADO20358	Ado20358 Human PRO
119		15.8	71.8	3845	14	ADY18735	Adyl8735 DNA encod
120		15.8	71.8	3941	13	ABL53934	Abl53934 Human MYB
121		15.8	71.8	4745	14	ABS62784	Abs62784 Human CDN
122	c	15.8	71.8	5227	6	ADV85828	Adv85828 Human CDN
123		15.8	71.8	5227	14	ADE77051	Ade77051 Human CDN
124		15.8	71.8	5228	12	ABA09682	Aba09682 Human bon
125		15.8	71.8	5410	5	ABL19944	Abl19944 Drosophil
126	c	15.8	71.8	5988	4	ABI13006	Abi13006 Drosophil
127		15.8	71.8	6554	4	AAL04660	Aal04660 Human rep
128		15.8	71.8	6598	4	ABL97567	Abl97567 Human tes
129		15.8	71.8	6598	4	AA859556	Aa859556 Propionib
130		15.8	71.8	6880	4	ACF64485	Acf64485 Propionib
131	c	15.8	71.8	6880	4	ABL19946	Abl19946 Propionib
132		15.8	71.8	9528	4	ABL14836	Abl14836 Drosophil
133		15.8	71.8	9736	4	ABL19948	Abl19948 Drosophil
134		15.8	71.8	9742	4	AAK71662	Aak71662 Human imm
135		15.8	71.8	19243	14	AEB32413	Aeb32413 Human gen
136		15.8	71.8	26278	14	AEB32413	
137		15.8	71.8	33012	8	ABS55899	Abs55899 Bovine ad
138		15.8	71.8	33113	8	ABS55900	Abs55900 Bovine ad
139		15.8	71.8	33306	8	ABS55901	Abs55901 Bovine ad
140		15.8	71.8	33310	8	ABS55902	Abs55902 Bovine ad
141		15.8	71.8	34079	3	ABS55903	Abs55903 Bovine ad
142		15.8	71.8	34185	3	AAC62130	Aac62130 Nucleotid
143		15.8	71.8	34185	10	ABS55888	Abs55888 Bovine ad
144		15.8	71.8	34185	10	ADC17118	Adc17118 Bovine ad
145		15.8	71.8	34185	13	ADU67040	Adu67040 Bovine ad
146		15.8	71.8	34604	14	AEB32362	Aeb32362 Human gen
147		15.8	71.8	64467	8	AAD50739	Aad50739 Human kin
148		15.8	71.8	64467	9	ACH00100	Ach00100 Human kin
149		15.8	71.8	64467	10	ADD15783	Add15783 Human MEK
150		15.8	71.8	64467	14	ADW97632	Adw97632 Human kin
151	c	15.8	71.8	84805	14	AEB39165	Aeb39165 L. pneumo
152		15.8	71.8	87472	14	ADZ13131	Adz13131 Human can
153		15.8	71.8	102980	11	ACN44734	Acn44734 Human gen
154		15.8	71.8	107707	12	ADO32260	Ado32260 Human chr
155		15.8	71.8	110000	9	ADQ59446_2	Adq59446_2 Continuation (3 of
156		15.8	71.8	110000	12	ADA13411_2	Ada13411_2 Continuation (3 of
157		15.8	71.8	110000	14	ADZ13757_2	Adz13757_2 Continuation (3 of
158		15.8	71.8	110000	14	AEB39175_07	Aeb39175_07 Continuation (8 of
159		15.8	71.8	110000	14	AEB42736_0	Aeb42736_0 Continuation
160		15.8	71.8	147620	10	ADL13739	Adl13739 L. pneumo
161		15.8	71.8	147620	12	ADQ19948	Adq19948 Human sof
162		15.8	71.8	295644	14	AEB35721	Aeb35721 Osteoarth
163		15.8	70.9	301477	13	ABD33362	Abd33362 L. pneumo
164		15.6	70.9	60	11	ABN47469	Abn47469 Human can
165		15.6	70.9	135	4	AAS36216	Aas36216 Human car
166	c	15.6	70.9	135	10	ADE46910	Ade46910 Human car
167	c	15.6	70.9	135	13	ADJ08328	Adj08328 Human car
168	c	15.6	70.9	150	3	AAC30726	Aac30726 Human sec
169	c	15.6	70.9	158	3	AAC30725	Aac30725 Human sec
170	c	15.6	70.9	196	4	AAI81954	Aai81954 Human pol
171	c	15.6	70.9	214	10	ADB75963	Adb75963 Tomato pl
172	c	15.6	70.9	227	4	ABA72264	Aba72264 Human foe
173	c	15.6	70.9	227	4	AAL52670	Aal52670 Probe #21
174	c	15.6	70.9	227	4	AAK46831	Aak46831 Human bon
175	c	15.6	70.9	227	4	AAK20685	Aak20685 Arabidops
176	c	15.6	70.9	258	4	ABS46602	Abs46602 Human liv
177	c	15.6	70.9	300	6	AAL04277	Aal04277 Human rep
178	c	15.6	70.9	331	6	ABN20080	Abn20080 Human ORF
179	c	15.6	70.9	333	7	ABK09683	Abk09683 Human ova
180	c	15.6	70.9	378	3	ABK75873	Abk75873 Bacillus
181	c	15.6	70.9	422	5	AAC75803	Aac75803 Human ORF
182	c	15.6	70.9	492	3	ABV19610	Abv19610 Human pro
183	c	15.6	70.9	492	3	AAC36768	Aac36768 Arabidops
184	c	15.6	70.9	504	4	AAK55660	Aak55660 Human imm
185	c	15.6	70.9	506	4	ABA59722	Aba59722 Human foe
186	c	15.6	70.9	506	4	AAI39588	Aai39588 Probe #82
187	c	15.6	70.9	506	4	AAK33862	Aak33862 Human bon
188	c	15.6	70.9	541	10	AAK07990	Aak07990 Human bra
189	c	15.6	70.9	556	4	ABS33671	Abs33671 Human liv
190	c	15.6	70.9	528	5	ABV54180	Abv54180 Human pro
191	c	15.6	70.9	536	13	ACN56998	Acn56998 Cotton GY
192	c	15.6	70.9	541	13	ADQ55707	Adq55707 Novel can
193	c	15.6	70.9	556	10	ADC08593	Adc08593 Banana DN
194	c	15.6	70.9	570	12	AAK24427	Aak24427 Human CDN
195	c	15.6	70.9	570	13	ADL28854	Adl28854 3' end of
196	c	15.6	70.9	575	13	ACN46405	Acn46405 Cotton pr
197	c	15.6	70.9	587	4	AAL08039	Aal08039 Human bre
198	c	15.6	70.9	593	10	ADK55893	Adk55893 Plant DNA
199	c	15.6	70.9	601	13	ADV15810	Adv15810 Human ost
200	c	15.6	70.9	601	13	ADV15811	Adv15811 Human ost
201	c	15.6	70.9	615	4	AAS35739	Aas35739 Human car
202	c	15.6	70.9	615	10	ADE45818	Ade45818 Human car
203	c	15.6	70.9	615	13	ADJ07236	Adj07236 Human car
204	c	15.6	70.9	651	10	ADC75676	Adc75676 DNA homol
205	c	15.6	70.9	651	10	ADK59541	Adk59541 Plant DNA
206	c	15.6	70.9	776	4	AAK36625	Aak36625 Human CDN
207	c	15.6	70.9	776	4	AAK91957	Aak91957 Human CDN
208	c	15.6	70.9	776	12	ADL28384	Adl28384 Human CDN
209	c	15.6	70.9	776	12	ADL30052	Adl30052 3' end of
210	c	15.6	70.9	787	4	AAS22820	Aas22820 Human CDN
211	c	15.6	70.9	800	4	AAH08340	Aah08340 Human CDN
212	c	15.6	70.9	832	4	AAH03531	Aah03531 Human CDN
213	c	15.6	70.9	836	4	AAS22584	Aas22584 Human CDN
214	c	15.6	70.9	858	3	AAA79540	Aaa79540 Pinus rad
215	c	15.6	70.9	873	13	ADR64399	Adr64399 Pinus rad
216	c	15.6	70.9	898	4	AAH07923	Aah07923 Human CDN
217	c	15.6	70.9	913	8	ABZ36339	Abz36339 Human sec
218	c	15.6	70.9	924	13	AAZ61510	Aaz61510 Human CDN
219	c	15.6	70.9	924	13	ADQ90301	Adq90301 Rat 5'OT-
220	c	15.6	70.9	960	13	ADS57356	Ads57356 Bacterial
221	c	15.6	70.9	960	13	ADS57464	Ads57464 Bacterial
222	c	15.6	70.9	999	13	ADT42838	Adt42838 Bacterial
223	c	15.6	70.9	1042	3	AAC47050	Aac47050 Arabidops
224	c	15.6	70.9	1082	3	ABZ36166	Abz36166 Human sec
225	c	15.6	70.9	1160	3	AAA79694	Aaa79694 Pinus rad
226	c	15.6	70.9	1236	9	ADA30271	Ada30271 DNA encod
227	c	15.6	70.9	1249	11	ADP65600	Adp65600 Human mic
228	c	15.6	70.9	1299	13	ADS45426	Ads45426 Bacterial
229	c	15.6	70.9	1316	11	ACL29486	Acl29486 Rice abio
230	c	15.6	70.9	1575	9	ADB09307	Adb09307 Alloiococ
231	c	15.6	70.9	1575	9	ADB09309	Adb09309 Alloiococ
232	c	15.6	70.9	1575	9	ADB09301	Adb09301 Alloiococ
233	c	15.6	70.9	1575	9	ADB09303	Adb09303 Alloiococ
234	c	15.6	70.9	1575	9	ADB09305	Adb09305 Alloiococ
235	c	15.6	70.9	1713	4	AAK94643	Aak94643 Human ful
236	c	15.6	70.9	1713	12	ADJ31588	Adj31588 Full leng
237	c	15.6	70.9	1889	11	ADM02361	Adm02361 Human CDN
238	c	15.6	70.9	1945	4	AAH15055	Aah15055 Human CDN

OM nucleic - nucleic search, using sw model

GenCore version 5.1.7
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Run on: March 17, 2006, 20:51:03 ; Search time 1756.89 Seconds
(without alignments)
585.873 Million cell updates/sec

Title: US-10-625-124-4
Perfect score: 22
Sequence: 1 gccccattacatccagattg 22
Scoring table: IDENTITY_NUC
Gapop 10.0 , Gapext 1.0
Searched: 41078325 seqs, 2339541228 residues
Total number of hits satisfying chosen parameters: 82156650
Minimum DB seq length: 0
Maximum DB seq length: 200000000
Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 500 summaries

Database :
EST:*
1: gb_est1:*
2: gb_est2:*
3: gb_est3:*
4: gb_htc:*
5: gb_est4:*
6: gb_est5:*
7: gb_est6:*
8: gb_est7:*
9: gb_gss1:*
10: gb_gss2:*
11: gb_gss3:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

	Result No.	Score	% Query Match	Length	DB	ID	Description
	1	100.0	22	677	3	BM695624	BM695624 UI-E-CQ1-
	2	95.5	21	743	10	AG186833	AG186833 Pan trog1
	3	90.9	20	937	10	CG823071	CG823071 SOYAH43TV
	4	85.5	18.8	528	5	BY388277	BY388277 BY388277
	5	85.5	18.8	1117	9	CC217184	CC217184 CH261-53F
c	6	83.6	18.4	214	2	BG077870	BG077870 H3022A03-
c	7	83.6	18.4	392	2	BI135101	BI135101 UI-M-BH3-
	8	83.6	18.4	814	2	BE367801	BE367801 601217423
	9	81.8	18	521	7	CN111828	CN111828 EC2CAA37C
	10	81.8	18	539	9	AQ663487	AQ663487 HS_5470_A
	11	81.8	18	542	8	CX934240	CX934240 JGI_CAAO3
	12	81.8	18	542	8	CX934241	CX934241 JGI_CAAO3
	13	81.8	18	683	3	BI650943	BI650943 60297273
	14	81.8	18	710	7	CR589211	CR589211 CR589211
	15	81.8	18	788	8	CX914388	CX914388 JGI_CAAN4
	16	81.8	18	247	1	AV255284	AV255284 AV255284
	17	81.8	17.8	281	2	BB308747	BB308747 BB308747
c	18	80.9	17.8	285	2	BB156459	BB156459 BB156459
c	19	80.9	17.8	293	1	AV117985	AV117985 AV117985
c	20	80.9	17.8	326	2	R13706	R13706 yf64f06.r1
c	21	80.9	17.8	351	5	BU441966	BU441966 603019290
c	22	80.9	17.8	376	8	DN855497	DN855497 4152112 B

	Result No.	Score	% Query Match	Length	DB	ID	Description
c	23	80.9	17.8	378	2	BB808561	BB808561 BB808561
c	24	80.9	17.8	379	5	BU345656	BU345656 603524245
c	25	80.9	17.8	380	5	BU291241	BU291241 603606985
c	26	80.9	17.8	386	7	BX263804	BX263804 BX263804
c	27	80.9	17.8	394	7	CV037363	CV037363 4140434 B
c	28	80.9	17.8	399	5	BX271114	BX271114 BX271114
c	29	80.9	17.8	401	5	BX271115	BX271115 BX271115
c	30	80.9	17.8	415	5	BX257580	BX257580 BX257580
c	31	80.9	17.8	423	8	DN930224	DN930224 41555977 B
c	32	80.9	17.8	427	7	CN225310	CN225310 WLA070CC11
c	33	80.9	17.8	430	5	BX263803	BX263803 BX263803
c	34	80.9	17.8	433	5	BU339874	BU339874 603515042
c	35	80.9	17.8	439	5	BX259224	BX259224 BX259224
c	36	80.9	17.8	439	5	BX259225	BX259225 BX259225
c	37	80.9	17.8	442	5	BX257581	BX257581 BX257581
c	38	80.9	17.8	443	1	AI979809	AI979809 pat.pK000
c	39	80.9	17.8	443	5	BX259256	BX259256 BX259256
c	40	80.9	17.8	448	7	BU417324	BU417324 603671390
c	41	80.9	17.8	459	7	CK608723	CK608723 IFNd_H12
c	42	80.9	17.8	475	5	BU216210	BU216210 603106926
c	43	80.9	17.8	475	5	CD762041	CD762041 GGEZSM101
c	44	80.9	17.8	477	6	CD761786	CD761786 GGEZSM101
c	45	80.9	17.8	510	5	BU328747	BU328747 603462265
c	46	80.9	17.8	512	5	BU373340	BU373340 603513019
c	47	80.9	17.8	522	7	CR371168	CR371168 CR371168
c	48	80.9	17.8	586	7	BU303491	BU303491 BU303491
c	49	80.9	17.8	589	7	BX310298	BX310298 BX310298
c	50	80.9	17.8	591	5	BX302213	BX302213 BX302213
c	51	80.9	17.8	603	5	BX301136	BX301136 BX301136
c	52	80.9	17.8	617	5	BX302212	BX302212 BX302212
c	53	80.9	17.8	632	5	BX301137	BX301137 BX301137
c	54	80.9	17.8	636	5	BX364532	BX364532 BX364532
c	55	80.9	17.8	645	9	BX865531	BX865531 BX865531
c	56	80.9	17.8	665	9	AZ406327	AZ406327 1M0175G06
c	57	80.9	17.8	666	7	AZ574556	AZ574556 330PvA09
c	58	80.9	17.8	675	7	CR376096	CR376096 CR376096
c	59	80.9	17.8	680	10	BX310297	BX310297 BX310297
c	60	80.9	17.8	693	10	AG307983	AG307983 Mus muscu
c	61	80.9	17.8	726	5	BU345081	BU345081 603525652
c	62	80.9	17.8	746	7	CR362295	CR362295 CR362295
c	63	80.9	17.8	747	7	CO558553	CO558553 AGENCOURT
c	64	80.9	17.8	785	7	CN233083	CN233083 WLB05SH07
c	65	80.9	17.8	796	5	BX865766	BX865766 BX865766
c	66	80.9	17.4	802	7	CV104923	CV104923 AGENCOURT
c	67	80.9	17.4	815	7	BU166148	BU166148 AGENCOURT
c	68	80.9	17.4	827	8	CX757171	CX757171 AGENCOURT
c	69	80.9	17.4	827	8	BX327279	BX327279 BX327279
c	70	80.9	17.4	919	10	CL069786	CL069786 CH216-117
c	71	80.9	17.4	922	9	BU121741	BU121741 603146346
c	72	80.9	17.4	925	9	BU121667	BU121667 603146653
c	73	80.9	17.4	978	5	CA226203	CA226203 SCVPFL304
c	74	80.9	17.4	1223	9	CC262029	CC262029 CH261-55C
c	75	79.1	17.4	224	9	BZ286877	BZ286877 SALK_0202
c	76	79.1	17.4	369	9	AZ998682	AZ998682 RPCI-24-2
c	77	79.1	17.4	528	7	CO099611	CO099611 GR___Ea24J
c	78	79.1	17.4	539	7	CO089470	CO089470 GR___Ea08P
c	79	79.1	17.4	547	2	BE014553	BE014553 12629 MA
c	80	79.1	17.4	561	7	CO094045	CO094045 GR___Ea15O
c	81	79.1	17.4	580	7	CO097447	CO097447 GR___Ea04F
c	82	79.1	17.4	584	7	CO086403	CO086403 GR___Ea21E
c	83	79.1	17.4	584	7	CO089200	CO089200 GR___Ea04F
c	84	79.1	17.4	602	7	CO081299	CO081299 GR___Ea45E
c	85	79.1	17.4	638	9	BZ480396	BZ480396 BONFX75TF
c	86	79.1	17.4	734	1	AU130537	AU130537 AU130537
c	87	79.1	17.4	741	7	CN057548	CN057548 Salamande
c	88	79.1	17.4	939	7	CK187797	CK187797 EST777112
c	89	79.1	17.4	997	10	CL093298	CL093298 ISB1-23F2
c	90	79.1	17.4	1079	10	CL008827	CL008827 ZMMBBb054
c	91	78.2	17.2	255	2	BB534713	BB534713 BB534713
c	92	78.2	17.2	285	1	AV216943	AV216943 AV216943
c	93	78.2	17.2	298	1	AV145849	AV145849 AV145849
c	94	78.2	17.2	309	10	AL838891	AL838891 AL838891
c	95	78.2	17.2	331	10	BX141814	BX141814 Danio rer

C	Rank	%1	%2	Len	N	Accession	Description
C	96	17.2	78.2	357	9	AQ276332	CITBI-E1-
C	97	17.2	78.2	378	1	AA372121	EST83986
C	98	17.2	78.2	452	9	AQ297466	HS_3059_A
C	99	17.2	78.2	461	9	BF927878	RCO-NT015
C	100	17.2	78.2	461	6	AQ587110	RPCI-11-4
C	101	17.2	78.2	463	6	CF279740	14ETL-06
C	102	17.2	78.2	478	2	BB766935	BB766935
C	103	17.2	78.2	509	6	BE756261	210348 MA
C	104	17.2	78.2	513	11	CR068318	Forward s
C	105	17.2	78.2	531	2	BB767799	BB767799
C	106	17.2	78.2	535	9	CE182760	tigr-gss-
C	107	17.2	78.2	538	9	AQ807453	HS_3207_B
C	108	17.2	78.2	540	3	BM420141	RO4C05_O
C	109	17.2	78.2	548	3	BM419979	RO21F05_O
C	110	17.2	78.2	548	9	BZ708924	OGEAL05TM
C	111	17.2	78.2	548	11	DB012438	Branchios
C	112	17.2	78.2	560	9	AQ526757	HS_5216_A
C	113	17.2	78.2	574	5	BU439826	604143510
C	114	17.2	78.2	585	6	CD332615	StrPu537.
C	115	17.2	78.2	587	6	BM508036	ij38c03.x
C	116	17.2	78.2	599	10	CE303100	tigr-gss-
C	117	17.2	78.2	615	5	CA052467	sealrgb52
C	118	17.2	78.2	655	6	CB377351	Cmah1_36
C	119	17.2	78.2	685	9	BZ310334	ic52f09.b
C	120	17.2	78.2	710	1	AU077776	AU077776
C	121	17.2	78.2	720	6	DN907773	23523.3 D
C	122	17.2	78.2	737	6	CB310834	AGENCOURT
C	123	17.2	78.2	745	9	AQ914212	nbeb00047L
C	124	17.2	78.2	754	1	BB103233	BB103233
C	125	17.2	78.2	758	6	BU814461	NO3O0AA09
C	126	17.2	78.2	774	2	BI197155	602756655
C	127	17.2	78.2	781	10	BX192368	Danio rer
C	128	17.2	78.2	800	10	CG378780	OGWAP77TH
C	129	17.2	78.2	863	10	CG817999	SOYAS30TH
C	130	17.2	78.2	937	3	AQ750734	HS_5574_B
C	131	17.2	77.3	973	10	CL091209	ISB1-20A2
C	132	17.2	77.3	1163	2	BF129228	60181081O
C	133	17.2	77.3	1753	2	BF527647	60204061 9
C	134	17	77.3	198	6	CA342756	672203 NC
C	135	17	77.3	384	2	BY503078	BY503078
C	136	17	77.3	458	2	BB670342	BB670342
C	137	17	77.3	512	5	BY490241	BY490241
C	138	17	77.3	585	9	AQ463324	HS_5205_B
C	139	17	77.3	591	8	DN845046	DN845046
C	140	17	77.3	602	8	DN884595	naf23e08.
C	141	17	77.3	633	9	AZ875112	2M0189C01
C	142	17	77.3	665	9	AQ308569	CITBI-E1-
C	143	17	77.3	787	9	CC859327	NDL.12111
C	144	17	77.3	176	1	AV166016	AV166016
C	145	17	77.3	243	1	AV262368	AV262368
C	146	17	77.3	804	8	CX045187	UCRCS07_2
C	147	17	77.3	886	8	CX545846	UCRPT01_5
C	148	17	77.3	897	10	AL201024	Tetraodon
C	149	17	77.3	914	1	CK938216	CGRI00447
C	150	17	77.3	1000	1	AL552693	AL552693
C	151	17	77.3	1024	8	DN577706	93903482
C	152	16.8	76.4	191	1	BB050101	BB050101
C	153	16.8	76.4	264	1	BB454236	BB454236
C	154	16.8	76.4	282	1	BB291028	BB291028
C	155	16.8	76.4	288	1	AV218023	AV218023
C	156	16.8	76.4	297	1	BB246671	BB246671
C	157	16.8	76.4	305	1	AV308615	AV308615
C	158	16.8	76.4	312	2	BB554275	BB554275
C	159	16.8	76.4	319	9	BH194848	TC3-64J7.
C	160	16.8	76.4	322	6	CC366042	PUHRV91TD
C	161	16.8	76.4	327	1	AA375263	EST87541
C	162	16.8	76.4	330	5	BU493714	vaa02f09.
C	163	16.8	76.4	332	2	AI784398	tw67e10.x
C	164	16.8	76.4	339	2	BB453214	BB453214
C	165	16.8	76.4	340	1	AU109897	AU109897
C	166	16.8	76.4	359	5	BY398284	BY398284
C	167	16.8	76.4	379	10	C2018958	CH240_505
C	168	16.8	76.4	379	10	C2018958	

C	Rank	%1	%2	Len	N	Accession	Description
C	169	16.8	76.4	388	1	AA243822	zr67g08.r
C	170	16.8	76.4	393	9	AZ007489	RPCI-23-3
C	171	16.8	76.4	395	10	CZ587948	QA_BBa014
C	172	16.8	76.4	404	5	BY506640	BY506640
C	173	16.8	76.4	409	3	BQ266045	NISC_ff10
C	174	16.8	76.4	414	1	BU493992	vaa03h06.
C	175	16.8	76.4	421	1	AA233094	zr68c08.r
C	176	16.8	76.4	441	1	BY452097	BY452097
C	177	16.8	76.4	441	7	CR582062	CR582062
C	178	16.8	76.4	467	6	CD011827	CD011827
C	179	16.8	76.4	468	8	DR621205	DR621205
C	180	16.8	76.4	488	8	CE159586	tigr-gss-
C	181	16.8	76.4	496	9	AQ204654	HS_3234_A
C	182	16.8	76.4	508	2	AI675817	wb97c03.x
C	183	16.8	76.4	508	2	BG359766	sac28c11.
C	184	16.8	76.4	523	10	CW534350	OP_Ba004
C	185	16.8	76.4	526	11	DE090454	Oryzias l
C	186	16.8	76.4	532	2	BB664254	148635 MA
C	187	16.8	76.4	540	5	CA057001	sealrgb53
C	188	16.8	76.4	540	8	N28902	yx63e12.r1
C	189	16.8	76.4	552	9	AQ772395	HS_5490_B
C	190	16.8	76.4	553	9	BH773278	uzmb0003f0
C	191	16.8	76.4	567	5	BX275703	BX275703
C	192	16.8	76.4	578	9	AQ383136	RPCI11-16
C	193	16.8	76.4	599	9	CO228297	WS0014.B2
C	194	16.8	76.4	599	11	FR002118	F.rubripe
C	195	16.8	76.4	602	7	BX274174	BX274174
C	196	16.8	76.4	602	9	AZ553952	RPCI-23-1
C	197	16.8	76.4	602	11	AL974488	Danio rer
C	198	16.8	76.4	603	7	CN073729	ECOCBA004
C	199	16.8	76.4	614	7	CN073728	ECOCBA004
C	200	16.8	76.4	621	6	AZ406875	1M0176J15
C	201	16.8	76.4	624	7	CN485174	hx24d03.y
C	202	16.8	76.4	632	2	BJ833015	BJ833015
C	203	16.8	76.4	637	3	BB437186	BB437186
C	204	16.8	76.4	638	6	AG349325	Mus muscu
C	205	16.8	76.4	638	7	BX200307	Danio rer
C	206	16.8	76.4	642	11	CX298535	OC_Ba001
C	207	16.8	76.4	653	9	BX275702	BX275702
C	208	16.8	76.4	670	7	AZ627613	1M0469D05
C	209	16.8	76.4	673	3	BM488728	BM488728
C	210	16.8	76.4	684	1	AL705085	DKFZp686F
C	211	16.8	76.4	692	2	B2229350	CH30-488
C	212	16.8	76.4	704	2	BB653569	BB653569
C	213	16.8	76.4	707	10	AG349325	Mus muscu
C	214	16.8	76.4	708	10	BX200307	Danio rer
C	215	16.8	76.4	709	10	C2698535	OC_Ba001
C	216	16.8	76.4	709	10	AG180741	Pan_trogl
C	217	16.8	76.4	713	5	BU167951	60378614J
C	218	16.8	76.4	716	1	CO206417	WS00911.B
C	219	16.8	76.4	723	2	BG871533	60278997S
C	220	16.8	76.4	729	3	BJ578224	BJ578224
C	221	16.8	76.4	730	10	CW897450	RPCI42_13
C	222	16.8	76.4	740	10	CW374931	f8bb001f0
C	223	16.8	76.4	741	10	CX326505	JGI_XZT15
C	224	16.8	76.4	742	10	AG475347	Mus muscu
C	225	16.8	76.4	743	5	BU139309	60313347B
C	226	16.8	76.4	746	8	CC572750	CH40_449
C	227	16.8	76.4	749	8	CX965899	JGI_CAAA1
C	228	16.8	76.4	751	11	CR825386	GROAAA56C
C	229	16.8	76.4	753	10	CW532728	OP_Ba003
C	230	16.8	76.4	762	11	DE099003	Oryzias 1
C	231	16.8	76.4	767	10	BX149668	Danio rer
C	232	16.8	76.4	773	10	DR579404	WS00751.C
C	233	16.8	76.4	776	10	C2740067	OC_Ba008
C	234	16.8	76.4	794	10	BX177993	Danio rer
C	235	16.8	76.4	796	8	CK316879	SB2020A1
C	236	16.8	76.4	796	8	DN052933	DN052933
C	237	16.8	76.4	797	11	CR816950	GROAAA41D
C	238	16.8	76.4	804	8	DR520526	WS0277.BR
C	239	16.8	76.4	808	8	B2971110	PUGIZ54TB
C	240	16.8	76.4	809	8	DN280834	1161975 M
C	241	16.8	76.4	810	8	DR517145	WS027745.C

OM nucleic - nucleic search, using sw model

GenCore version 5.1.7
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Run on: March 17, 2006, 20:56:50 ; Search time 59.7826 Seconds
(without alignments)
654.143 Million cell updates/sec

Title: US-10-625-124-4
Perfect score: 22
Sequence: 1 gcccattacattccagattg 22

Scoring table: IDENTITY_NUC
Gapop 10.0 , Gapext 1.0

Searched: 1303057 seqs, 888780828 residues

Total number of hits satisfying chosen parameters: 2606114

Minimum DB seq length: 0
Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 500 summaries

Database : Issued_Patents_NA:*
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8: /cgn2_6/ptodata/1/ina/RE_COMB.seq:*
9: /cgn2_6/ptodata/1/ina/backfiles1.seq:*

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

	Result No.	Score	% Query Match	Length	DB	ID	Description
c	1	17.2	78.2	1116	3	US-09-221-017B-125	Sequence 125, App
c	2	17.2	78.2	53442	3	US-09-949-016-11921	Sequence 11921, A
c	3	17.2	78.2	53453	3	US-09-949-016-13370	Sequence 13370, A
c	4	16.4	74.5	601	3	US-09-949-016-23068	Sequence 23068, A
c	5	16.4	74.5	601	3	US-09-949-016-169775	Sequence 169775,
c	6	16.4	74.5	28819	3	US-09-949-016-15806	Sequence 15806, A
c	7	16.4	74.5	258775	3	US-09-949-016-16435	Sequence 16435, A
c	8	16.2	73.6	601	3	US-09-949-016-125308	Sequence 125308,
c	9	16.2	73.6	601	3	US-09-949-016-147679	Sequence 147679,
c	10	16.2	73.6	636	3	US-09-949-016-3547	Sequence 3547, Ap
c	11	16.2	73.6	1314	3	US-09-248-796A-4870	Sequence 4870, Ap
c	12	16.2	73.6	4957	3	US-09-949-016-15289	Sequence 15289, A
c	13	16.2	73.6	20182	3	US-09-949-016-13240	Sequence 13240, A
c	14	16.2	73.6	43950	3	US-09-725-934A-3	Sequence 3, Appli
c	15	16.2	73.6	43950	3	US-10-060-332-3	Sequence 3, Appli
c	16	16.2	73.6	43950	3	US-10-339-657-3	Sequence 3, Appli
c	17	16.2	73.6	43950	3	US-10-885-879-3	Sequence 3, Appli
c	18	16.2	73.6	45755	3	US-09-949-016-15889	Sequence 15889, A
c	19	16.2	73.6	69701	3	US-09-949-016-14187	Sequence 14187, A
c	20	16.2	73.6	73308	3	US-09-949-016-16326	Sequence 16326, A
c	21	15.8	71.8	601	3	US-09-949-016-125648	Sequence 125648,
c	22	15.8	71.8	601	3	US-09-949-016-126623	Sequence 126623,
c	23	15.8	71.8	601	3	US-09-949-016-152438	Sequence 152438,
c	24	15.8	71.8	615	3	US-09-248-796A-5833	Sequence 5833, Ap
c	25	15.8	71.8	725	3	US-08-936-165A-211	Sequence 211, App
c	26	15.8	71.8	973	3	US-09-599-360B-71	Sequence 71, Appl
c	27	15.8	71.8	2521	3	US-09-620-312D-1015	Sequence 1015, Ap
c	28	15.8	71.8	2550	3	US-09-620-312D-1014	Sequence 1014, Ap
c	29	15.8	71.8	5227	3	US-09-919-039-216	Sequence 216, App
c	30	15.8	71.8	5228	3	US-09-919-172-79	Sequence 79, Appl
c	31	15.8	71.8	15069	3	US-09-949-016-12886	Sequence 12886, A
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c	33	15.8	71.8	45183	3	US-09-949-016-13964	Sequence 13964, A
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c	110	16.2	73.6	1647	3	US-09-938-842A-19	Sequence 19, Appl
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c	124	16.2	73.6	43950	5	US-09-735-934A-3	GENERAL INFORMATI
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

	Result No.	Score	% Query Match	Length	DB	ID	Description
	1	18.8	85.5	352	6	US-09-925-065A-398722	Sequence 398722,
c	2	17.8	80.9	613	6	US-09-925-065A-696796	Sequence 696796,
c	3	17.2	78.2	611	6	US-09-925-065A-753205	Sequence 753205,
c	4	17.2	78.2	611	6	US-09-925-065A-824556	Sequence 824556,
	5	17.2	78.2	611	6	US-09-925-065A-824557	Sequence 824557,
	6	17.2	78.2	16789	12	US-11-121-086-14	Sequence 14, Appl
	7	17	77.3	619	6	US-09-925-065A-528582	Sequence 528582,
	8	17	77.3	623	6	US-09-925-065A-536015	Sequence 536015,
c	9	16.8	76.4	532	6	US-09-925-065A-632295	Sequence 632295,
c	10	16.8	76.4	538	6	US-09-925-065A-779049	Sequence 779049,
c	11	16.8	76.4	541	6	US-09-925-065A-751156	Sequence 751156,
c	12	16.8	76.4	546	6	US-09-925-065A-749524	Sequence 749524,
c	13	16.8	76.4	552	6	US-09-925-065A-632292	Sequence 632292,
c	14	16.8	76.4	552	6	US-09-925-065A-632294	Sequence 632294,
c	15	16.8	76.4	600	6	US-09-925-065A-880934	Sequence 880934,
c	16	16.8	76.4	604	6	US-09-925-065A-861081	Sequence 861081,
c	17	16.8	76.4	604	6	US-09-925-065A-861082	Sequence 861082,
c	18	16.8	76.4	693	6	US-09-925-065A-890329	Sequence 890329,
c	19	16.8	76.4	1927	9	US-11-096-568A-7461	Sequence 7461, Appl
c	20	16.8	76.4	176760	12	US-11-121-086-51	Sequence 51, Appl
c	21	16.8	76.4	403278	8	US-10-995-561-13421	Sequence 13421, A
c	22	16.4	74.5	200	12	US-11-098-686-915	Sequence 915, App
c	23	16.4	74.5	552	6	US-09-925-065A-632293	Sequence 632293,
c	24	16.4	74.5	723	8	US-10-750-185-36146	Sequence 36146, A
c	25	16.4	74.5	723	8	US-10-750-623-36146	Sequence 36146, A
c	26	16.4	74.5	1563	8	US-09-925-065A-697818	Sequence 697818, A
c	27	16.4	74.5	2109	12	US-11-098-686-8849	Sequence 8849, Ap
c	28	16.4	74.5	6317	12	US-11-240-708-12	Sequence 12, Appl
c	29	16.4	74.5	194553	12	US-11-098-686-8738	Sequence 8738, Ap
c	30	16.2	73.6	393	6	US-09-925-065A-581027	Sequence 581027,
c	31	16.2	73.6	470	6	US-09-925-065A-584010	Sequence 584010,
c	32	16.2	73.6	470	6	US-09-925-065A-584013	Sequence 584013,
c	33	16.2	73.6	474	6	US-09-925-065A-219068	Sequence 219068,
c	34	16.2	73.6	476	6	US-09-925-065A-122641	Sequence 122641,
c	35	16.2	73.6	476	6	US-09-925-065A-219067	Sequence 219067,
c	36	16.2	73.6	506	6	US-09-925-065A-157371	Sequence 157371,
c	37	16.2	73.6	506	6	US-09-925-065A-157373	Sequence 157373,
c	38	16.2	73.6	506	6	US-09-925-065A-157374	Sequence 157374,
c	39	16.2	73.6	506	6	US-09-925-065A-157375	Sequence 157375,
c	40	16.2	73.6	529	6	US-09-925-065A-800028	Sequence 800028,
c	41	16.2	73.6	535	6	US-09-925-065A-800028	Sequence 800028, A
c	42	16.2	73.6	568	6	US-09-925-065A-20088	Sequence 20088, A
c	43	16.2	73.6	568	6	US-09-925-065A-421508	Sequence 421508,
c	44	16.2	73.6	574	6	US-09-925-065A-421509	Sequence 421509,
c	45	16.2	73.6	584	6	US-09-925-065A-122247	Sequence 122247,
c	46	16.2	73.6	589	6	US-09-925-065A-593830	Sequence 593830,
c	47	16.2	73.6	589	6	US-09-925-065A-630503	Sequence 630503,
c	48	16.2	73.6	589	6	US-09-925-065A-630504	Sequence 630504,
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c	54	16.2	73.6	652	6	US-09-925-065A-603678	Sequence 603678,
c	55	16.2	73.6	656	6	US-09-925-065A-440233	Sequence 440233,
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c	57	16.2	73.6	674	6	US-09-925-065A-867185	Sequence 867185,
c	58	16.2	73.6	689	6	US-09-925-065A-863454	Sequence 863454,
c	59	16.2	73.6	689	6	US-09-925-065A-207639	Sequence 207639,
c	60	16.2	73.6	1081	6	US-09-925-065A-83811	Sequence 83811, A
c	61	16.2	73.6	1081	6	US-09-925-065A-83813	Sequence 83813, A
c	62	16.2	73.6	1208	8	US-10-750-185-34774	Sequence 34774, A
c	63	16.2	73.6	1208	8	US-10-750-623-34774	Sequence 34774, A
c	64	16.2	73.6	1369	8	US-10-750-185-31614	Sequence 31614, A
c	65	16.2	73.6	1369	8	US-10-750-185-31614	Sequence 31614, A
c	66	16.2	73.6	1369	8	US-10-750-623-31614	Sequence 31614, A
c	67	16.2	73.6	1369	8	US-10-750-623-31614	Sequence 31614, A
c	68	16	72.7	170285	12	US-11-112-908-58	Sequence 58, Appl
c	69	16	72.7	170285	12	US-11-112-908-59	Sequence 59, Appl
c	70	16	72.7	2178	12	US-11-098-686-858	Sequence 858, App
c	71	16	72.7	200	12	US-11-098-686-8844	Sequence 8844, Ap
c	72	15.8	71.8	50	12	US-11-175-859-100829	Sequence 100829,
c	73	15.8	71.8	97	7	US-10-991-28-391	Sequence 391, App
c	74	15.8	71.8	560	6	US-09-925-065A-492830	Sequence 492830,
c	75	15.8	71.8	570	6	US-09-925-065A-381102	Sequence 381102,
c	76	15.8	71.8	572	6	US-09-925-065A-151235	Sequence 151235,
c	77	15.8	71.8	620	6	US-09-925-065A-828483	Sequence 828483,
c	78	15.8	71.8	626	6	US-09-925-065A-486922	Sequence 486922,
c	79	15.8	71.8	640	6	US-09-925-065A-525719	Sequence 525719,
c	80	15.8	71.8	701	6	US-09-925-065A-552231	Sequence 552231,
c	81	15.8	71.8	973	5	US-09-978-360A-48	Sequence 48, Appl
c	82	15.8	71.8	1077	8	US-10-750-185-49007	Sequence 49007,
c	83	15.8	71.8	1077	8	US-10-750-623-49007	Sequence 49007,
c	84	15.8	71.8	1400	12	US-11-136-527-4366	Sequence 4366, Ap
c	85	15.8	71.8	2746	12	US-11-136-527-270	Sequence 270, App
c	86	15.8	71.8	4745	8	US-10-909-125-837	Sequence 837, App
c	87	15.8	71.8	5244	8	US-10-750-185-40124	Sequence 40124, A
c	88	15.8	71.8	5244	8	US-10-750-623-40124	Sequence 40124, A
c	89	15.8	71.8	25	12	US-11-121-849-646605	Sequence 646605,
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c	91	15.6	70.9	201	8	US-10-995-561-17803	Sequence 17803, A
c	92	15.6	70.9	201	8	US-10-995-561-17886	Sequence 17886, A
c	93	15.6	70.9	201	8	US-10-995-561-18026	Sequence 18026, A

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c	96	15.6	70.9	201 8	US-10-995-561-21661	Sequence 21661, A
c	97	15.6	70.9	201 8	US-10-995-561-21671	Sequence 21671, A
c	98	15.6	70.9	201 8	US-10-995-561-21765	Sequence 21765, A
c	99	15.6	70.9	201 8	US-10-995-561-21918	Sequence 21918, A
c	100	15.6	70.9	201 8	US-10-995-561-22032	Sequence 22032, A
c	101	15.6	70.9	201 8	US-10-995-561-22103	Sequence 22103, A
c	102	15.6	70.9	359 8	US-09-925-065A-160316	Sequence 160316, A
c	103	15.6	70.9	448 6	US-09-925-065A-899729	Sequence 899729, A
c	104	15.6	70.9	465 6	US-09-925-065A-543729	Sequence 543729, A
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c	106	15.6	70.9	488 6	US-09-925-065A-558362	Sequence 558362, A
c	107	15.6	70.9	488 6	US-09-925-065A-858363	Sequence 858363, A
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c	110	15.6	70.9	490 6	US-09-925-065A-326717	Sequence 326717, A
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c	114	15.6	70.9	497 6	US-09-925-065A-372318	Sequence 372318, A
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c	120	15.6	70.9	525 6	US-09-925-065A-316822	Sequence 316822, A
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c	125	15.6	70.9	546 6	US-09-925-065A-25310	Sequence 25310, A
c	126	15.6	70.9	546 6	US-09-925-065A-935285	Sequence 935285, A
c	127	15.6	70.9	546 6	US-09-925-065A-952901	Sequence 952901, A
c	128	15.6	70.9	548 6	US-09-925-065A-203903	Sequence 203903, A
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c	130	15.6	70.9	561 6	US-09-925-065A-193777	Sequence 193777, A
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c	139	15.6	70.9	582 6	US-09-925-065A-452339	Sequence 452339, A
c	140	15.6	70.9	587 6	US-09-925-065A-956986	Sequence 956986, A
c	141	15.6	70.9	591 6	US-09-925-065A-570720	Sequence 570720, A
c	142	15.6	70.9	593 6	US-09-925-065A-141050	Sequence 141050, A
c	143	15.6	70.9	597 6	US-09-925-065A-581124	Sequence 581124, A
c	144	15.6	70.9	600 6	US-09-925-065A-326162	Sequence 326162, A
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c	146	15.6	70.9	601 6	US-09-925-065A-142413	Sequence 142413, A
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c	149	15.6	70.9	606 6	US-09-925-065A-919401	Sequence 919401, A
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c	156	15.6	70.9	616 6	US-09-925-065A-924132	Sequence 924132, A
c	157	15.6	70.9	617 6	US-09-925-065A-745724	Sequence 745724, A
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c	159	15.6	70.9	618 6	US-09-925-065A-894419	Sequence 894419, A
c	160	15.6	70.9	619 6	US-09-925-065A-789149	Sequence 789149, A
c	161	15.6	70.9	623 6	US-09-925-065A-790928	Sequence 790928, A
c	162	15.6	70.9	624 6	US-09-925-065A-883975	Sequence 883975, A
c	163	15.6	70.9	630 6	US-09-925-065A-892768	Sequence 892768, A
c	164	15.6	70.9	632 6	US-09-925-065A-609433	Sequence 609433, A
c	165	15.6	70.9	636 6	US-09-925-065A-918207	Sequence 918207, A
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c	170	15.6	70.9	650 6	US-09-925-065A-706139	Sequence 706139,
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c	172	15.6	70.9	684 6	US-09-925-065A-708534	Sequence 708534,
	173	15.6	70.9	787 12	US-09-925-065A-939171	Sequence 939171, A
	174	15.6	70.9	836 12	US-11-000-463-622	Sequence 622, App
	175	15.6	70.9	991 8	US-11-000-463-150	Sequence 150, App
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c	184	15.6	70.9	1243 6	US-09-925-065A-718350	Sequence 718350, A
c	185	15.6	70.9	1245 6	US-10-750-185-38693	Sequence 38693, A
c	186	15.6	70.9	1245 8	US-10-750-623-38693	Sequence 38693, A
c	187	15.6	70.9	1312 8	US-10-750-623-64445	Sequence 64445, A
c	188	15.6	70.9	1312 6	US-09-925-065A-64445	Sequence 64445, A
	189	15.6	70.9	1314 8	US-10-750-185-55601	Sequence 55601, A
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c	191	15.6	70.9	1314 8	US-10-750-623-55601	Sequence 55601, A
c	192	15.6	70.9	1489 6	US-09-925-065A-689141	Sequence 689141, A
c	193	15.6	70.9	1489 6	US-09-925-065A-689142	Sequence 689142,
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c	195	15.6	70.9	1925 6	US-09-925-065A-551344	Sequence 551344, A
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c	199	15.6	70.9	2586 8	US-10-750-623-28786	Sequence 28786, A
c	200	15.6	70.9	2586 8	US-10-995-561-90120	Sequence 90120, A
c	201	15.6	70.9	3417 7	US-10-072-512-808	Sequence 808, App
c	202	15.4	70.0	27852 8	US-10-750-185-13212	Sequence 13212, A
c	203	15.4	70.0	28786 8	US-10-995-561-13224	Sequence 13224, A
c	204	15.4	70.0	90120 8	US-10-750-623-13212	Sequence 13212, A
c	205	15.4	70.0	135462 7	US-10-330-773-698	Sequence 698, App
c	206	15.4	70.0	130733 12	US-10-330-773-698	Sequence 698, App
c	207	15.4	70.0	150038 12	US-11-121-086-21	Sequence 21, Appl
c	208	15.4	70.0	150038 12	US-11-121-086-16	Sequence 16, Appl
c	209	15.6	70.9	165883 12	US-11-121-086-10	Sequence 10, Appl
c	210	15.4	70.0	175100 12	US-11-091-018-1	Sequence 1, Appl
c	211	15.4	70.0	178024 7	US-11-175-859-74603	Sequence 74603, A
c	212	15.4	70.0	189539 6	US-09-925-065A-157607	Sequence 157607,
c	213	15.4	70.0	199321 12	US-11-121-086-19	Sequence 19, Appl
c	214	15.4	70.0	1691140 6	US-09-925-065A-144828	Sequence 144828,
c	215	15.4	70.0	1691140 6	US-09-925-065A-185247	Sequence 185247,
c	216	15.4	70.0	50 12	US-09-925-065A-183701	Sequence 183701,
c	217	15.4	70.0	406 6	US-09-925-065A-9721	Sequence 9721, Ap
c	218	15.4	70.0	424 6	US-09-925-065A-21983	Sequence 21983, A
c	219	15.4	70.0	497 6	US-09-925-065A-537373	Sequence 537373, A
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c	221	15.4	70.0	535 6	US-09-925-065A-335068	Sequence 335068,
c	222	15.4	70.0	542 6	US-09-925-065A-394339	Sequence 394339,
c	223	15.4	70.0	542 6	US-09-925-065A-208006	Sequence 208006,
c	224	15.4	70.0	545 6	US-09-925-065A-208006	Sequence 208006,
c	225	15.4	70.0	546 6	US-09-925-065A-253315	Sequence 253315,
c	226	15.4	70.0	554 6	US-09-925-065A-146272	Sequence 146272,
c	227	15.4	70.0	567 6	US-09-925-065A-927074	Sequence 927074,
c	228	15.4	70.0	568 6	US-09-925-065A-927075	Sequence 927075,
c	229	15.4	70.0	568 6	US-09-925-065A-927076	Sequence 927076,
c	230	15.4	70.0	574 6	US-09-925-065A-877084	Sequence 877084,
c	231	15.4	70.0	574 6	US-09-925-065A-877085	Sequence 877085,
c	232	15.4	70.0	578 6	US-09-925-065A-335069	Sequence 335069,
c	233	15.4	70.0	578 6	US-09-925-065A-727339	Sequence 727339,
c	234	15.4	70.0	578 6	US-09-925-065A-727340	Sequence 727340,
c	235	15.4	70.0	598 6	US-09-925-065A-727341	Sequence 727341,
c	236	15.4	70.0	598 8	US-10-821-234-538	Sequence 538, App
c	237	15.4	70.0	3285 8	US-10-517-939-143	Sequence 143, App
c	238	15.2	69.1	161874 12	US-11-121-086-75	Sequence 75, Appl
c	239	15.2	69.1	195539 7	US-10-934-048A-64253	Sequence 64253, A
		15.2	69.1	25 7	US-10-934-048A-107873	Sequence 107873,

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OM nucleic - nucleic search, using sw model

Run on: March 17, 2006, 20:19:45 ; Search time 759.13 Seconds
                                               (without alignments)
                                               1497.594 Million cell updates/sec

Title: US-10-625-124-9
Perfect score: 20
Sequence: 1 ctcatacacggcagccacat 20

Scoring table: IDENTITY NUC
                         Gapop 10.0 , Gapext 1.0

Searched: 5883141 seqs, 2842172565 3 residues

Total number of hits satisfying chosen parameters: 11766282

Post-processing: Minimum Match 0%
                 Maximum Match 100%
                 Listing first 500 summaries

Minimum DB seq length: 0
Maximum DB seq length: 200000000

Database :

GenEmbl:	*	
1:	gb_ba:	*
2:	gb_in:	*
3:	gb_env:	*
4:	gb_om:	*
5:	gb_ov:	*
6:	gb_pat:	*
7:	gb_ph:	*
8:	gb_pl:	*
9:	gb_pr:	*
10:	gb_ro:	*
11:	gb_sy:	*
12:	gb_un:	*
13:	gb_vi:	*
14:	gb_htg:	*
15:	gb_pl:	*

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	% Query Match	Length	DB	ID	Description
1	20	100.0	273	6	CQ732303	CQ732303 Sequence
2	20	100.0	364	6	BD024016	BD024016 Sequence
3	20	100.0	364	6	AX884406	AX884406 Sequence
4	20	100.0	1253	6	CQ668664	CQ668664 Sequence
5	20	100.0	2011	8	AX780260	AX780260 Sequence
6	20	100.0	2016	8	BC012099	BC012099 Homo sapi
7	20	100.0	12990	8	U03274	U03274 Homo sapien
8	20	100.0	147123	8	HSBTDSS2	HSBTDSS2
9	20	100.0	192031	14	AF018631	AF018631 Homo sapi
10	20	100.0	199288	8	AC027030	AC027030 Homo sapi
11	18.4	92.0	290	6	AC071129	AC071129 Homo sapi
12	18.4	92.0	336	6	AC090950	AC090950 Homo sapi
13	18.4	92.0	342	6	CQ684572	CQ684572 Sequence
14	18.4	92.0	351	6	CQ661129	CQ661129 Sequence
15	18.4	92.0	402	6	CQ673776	CQ673776 Sequence
16	18.4	92.0	430	6	AX193290	AX193290 Sequence
17	18.4	92.0	470	6	CQ685543	CQ685543 Sequence
18	18.4	92.0	470	6	BD024493	BD024493 Sequence
19	18.4	92.0	495	6	AX884883	AX884883 Sequence
20	18.4	92.0	495	8	A83864	A83864 Sequence 9
21	18.4	92.0	495	11	BT007017	BT007017 Homo sapi
22	18.4	92.0	495	11	AY889277	AY889277 Synthetic
23	18.4	92.0	495	11	AY889278	AY889278 Synthetic
24	18.4	92.0	1403	9	AY891769	AY891769 Synthetic
25	18.4	92.0	1403	9	AY891770	AY891770 Synthetic
26	18.4	92.0	3026	11	BT007726	BT007726 Synthetic
27	18.4	92.0	527	6	CQ714206	CQ714206 Sequence
28	18.4	92.0	528	8	BT007726	BT007726 Synthetic
29	18.4	92.0	914	6	AX017836	AX017836 Human gen
30	18.4	92.0	936	7	HUMSRP20	HUMSRP20 Human nuc
31	18.4	92.0	1568	8	BD137246	BD137246 Homo sapien
32	18.4	92.0	2060	8	CQ899307	CQ899307 Sequence
33	18.4	92.0	2060	8	BC009018	BC009018 Homo sapi
34	18.4	92.0	2060	8	BC000914	BC000914 Homo sapi
35	18.4	92.0	5130	9	AF107405	AF107405 Homo sapi
36	18.4	92.0	5130	9	AR531733	AR531733 Sequence
37	18.4	92.0	62274	14	BC072629	BC072629 Mus muscu
38	18.4	92.0	63400	14	AC020833	AC020833 Mus muscu
39	18.4	92.0	145616	8	AC105178	AC105178 Homo sapi
40	18.4	92.0	164223	8	AC127228	AC127228 Mus muscu
41	18.4	92.0	167812	14	AC125875	AC125875 Rattus no
42	18.4	92.0	175366	9	AC101718	AC101718 Mus muscu
43	18.4	92.0	184349	8	AC113189	AC113189 Homo sapi
44	18.4	92.0	216170	9	AC130214	AC130214 Mus muscu
45	18.4	92.0	220851	14	AC097956	AC097956 Rattus no
46	18.4	92.0	222685	14	AC130029	AC130029 Rattus no
47	18.4	92.0	222871	14	AC108094	AC108094 Homo sapi
48	18.4	92.0	326209	14	AC134065	AC134065 Rattus no
49	18	90.0	203050	1	AL646071	AL646071 Ralstonia
50	17.4	87.0	355	6	CQ687435	CQ687435 Sequence
51	17.4	87.0	1299	9	BC083316	BC083316 Mus muscu
52	17.4	87.0	1305	9	BC068111	BC068111 Mus muscu
53	17.4	87.0	1396	9	MMX16MR	MMX16MR Mouse X16 m
54	17.4	87.0	2089	9	BC071196	BC071196 Mus muscu
55	17.4	87.0	131121	9	X91656	X91656 M.musculus
56	17.4	87.0	51933	14	AC118239	AC118239 Mus muscu
57	17.4	87.0	58433	14	AC100304	AC100304 Mus muscu
58	17.4	87.0	88623	14	AC137093	AC137093 Mus muscu
59	17.4	87.0	160284	9	AL591125	AL591125 Mouse DNA
60	17.4	87.0	161831	9	AC131038	AC131038 Mus muscu
61	17.4	87.0	168486	9	AC116849	AC116849 Mus muscu
62	17.4	87.0	175391	14	AC025622	AC025622 Mus muscu
63	17.4	87.0	192527	9	AC141429	AC141429 Mus muscu
64	17.4	87.0	197830	14	CT009696	CT009696 Mus muscu
65	17.4	87.0	202299	9	AL929393	AL929393 Mouse DNA
66	17.4	87.0	216414	14	AC149275	AC149275 Mus muscu
67	17.4	87.0	217109	14	AC158549	AC158549 Mus muscu
68	17.4	87.0	262286	14	CT009662	CT009662 Mus muscu
69	17.4	87.0	275373	14	AC113522	AC113522 Mus muscu
70	17	85.0	79882	14	BX908758_5	BX908758_5 Continuation (6 of
71	17	85.0	44605	14	AC108426_2	AC108426_2 Continuation (3 of
72	17	85.0	45725	8	AL442124	AL442124 Human DNA
73	17	85.0	57462	8	AP006296	AP006296 Homo sapi
74	17	85.0	67728	14	AC166398	AC166398 Homo sapi
75	17	85.0	73994	14	AC079000	AC079000 Homo sapi
76	17	85.0	91401	14	CT009676	CT009676 Danio rer
77	17	85.0	106278	14	AL732653	AL732653 Rattus no
78	16.8	84.0	110000	15	RN520N23	RN520N23 Sequence
79	16.8	84.0	39471	2	AP008217_116	AP008217_116
80	16.8	84.0	110042	14	AC144658	AC144658 Medicago
81	16.8	84.0	119040	15	AP003555	AP003555 Homo sapi
82	16.8	84.0	119600	14	AC012798	AC012798 Drosophil
83	16.8	84.0	133944	15	AC137923	AC137923 Oryza sat
84	16.8	84.0	135280	5	BX296520	BX296520 Zebrafish
85	16.8	84.0	216850	5	BX323008	BX323008 Zebrafish
86	16.8	84.0	211586	5	BX511093	BX511093 Zebrafish
87	16.8	84.0	236675	14	AC144768	AC144768 Mus muscu
88	16.8	84.0	534	6	CQ714117	CQ714117 Sequence
89	16.8	84.0	176698	9	AC151001	AC151001 Mus muscu
90	16.8	84.0	139125	9	AC104100	AC104100 Mus muscu
91	16.8	84.0	110000	14	BX908758_4	BX908758_4 Continuation (5 of

c	#					Accession	Description
c	92	16.8	84.0	138676	14	AL590154	AL590154 Danio rer
c	93	16.8	84.0	139747	14	AC148916	AC148916 Medicago
c	94	16.8	84.0	149995	8	AC016722	AC016722 Homo sapi
c	95	16.8	84.0	155466	8	AL133284	AL133284 Human DNA
c	96	16.8	84.0	159932	14	AC159932	AC159932 Papio anu
c	97	16.8	84.0	163337	5	CR846083	CR846083 Zebrafish
c	98	16.8	84.0	165519	2	AC008347	AC008347 Drosophil
c	99	16.8	84.0	166168	2	AC091635	AC091635 Drosophil
c	100	16.8	84.0	167388	14	BX324116	BX324116 Zebrafish
c	101	16.8	84.0	168546	5	BX324205	BX324205 Zebrafish
c	102	16.8	84.0	169694	5	BX294444	BX294444 Zebrafish
c	103	16.8	84.0	170271	14	AC126191	AC126191 Rattus no
c	104	16.8	84.0	170956	14	AC024973	AC024973 Homo sapi
c	105	16.8	84.0	173329	14	AC131928	AC131928 Homo sapi
c	106	16.8	84.0	176392	14	AC135954	AC135954 Papio anu
c	107	16.8	84.0	177191	14	CR376781	CR376781 Danio rer
c	108	16.8	84.0	181309	14	AC150795	AC150795 Bos tauru
c	109	16.8	84.0	185277	9	AC098567	AC098567 Genomic s
c	110	16.8	84.0	191649	14	CR847565	CR847565 Danio rer
c	111	16.8	84.0	191906	9	AC132304	AC132304 Mus muscu
c	112	16.8	84.0	192433	14	AC161272	AC161272 Mus muscu
c	113	16.8	84.0	194401	14	AC139951	AC139951 Rattus no
c	114	16.8	84.0	196132	14	CR354563	CR354563 Danio rer
c	115	16.8	84.0	198555	14	AC016750	AC016750 Homo sapi
c	116	16.8	84.0	192207	5	AL928825	AL928825 Zebrafish
c	117	16.8	84.0	203154	14	AC117142	AC117142 Rattus no
c	118	16.8	84.0	203981	9	AC153517	AC153517 Rattus no
c	119	16.8	84.0	206377	14	AC126689	AC126689 Mus muscu
c	120	16.8	84.0	209889	14	AC126187	AC126187 Rattus no
c	121	16.8	84.0	214204	14	AC158169	AC158169 Mus muscu
c	122	16.8	84.0	215835	14	AC098127	AC098127 Rattus no
c	123	16.8	84.0	216381	14	AC159113	AC159113 Mus muscu
c	124	16.8	84.0	217877	14	AC159775	AC159775 Rattus no
c	125	16.8	84.0	223734	14	AC117097	AC117097 Rattus no
c	126	16.8	84.0	223751	14	AC158527	AC158527 Mus muscu
c	127	16.8	84.0	227254	14	AC094724	AC094724 Rattus no
c	128	16.8	84.0	228454	14	AC158169	AC158169 Mus muscu
c	129	16.8	84.0	229523	14	AC103078	AC103078 Rattus no
c	130	16.8	84.0	246009	14	AC142069	AC142069 Rattus no
c	131	16.8	84.0	247165	14	AC120758	AC120758 Rattus no
c	132	16.8	84.0	250128	14	AC162246	AC162246 Bos tauru
c	133	16.8	84.0	251750	14	AC097029	AC097029 Rattus no
c	134	16.8	84.0	255485	14	AC095480	AC095480 Rattus no
c	135	16.8	84.0	256764	2	AC003792	AC003792 Drosophil
c	136	16.8	84.0	257664	14	BX571981	BX571981 Zebrafish
c	137	16.8	84.0	258091	14	AC099267	AC099267 Rattus no
c	138	16.8	84.0	260033	14	AC162379	AC162379 Mus muscu
c	139	16.8	84.0	265517	14	AC107094	AC107094 Rattus no
c	140	16.8	84.0	323584	14	AC156952	AC156952 Mus muscu
c	141	16.8	84.0	340493	9	BX883044	BX883044 Rattus no
c	142	16.4	82.0	326	6	CQ666783	CQ666783 Sequence
c	143	16.4	82.0	410	6	CQ480918	CQ480918 Sequence
c	144	16.4	82.0	412	6	CQ471750	CQ471750 Sequence
c	145	16.4	82.0	440	6	CQ691417	CQ691417 Sequence
c	146	16.4	82.0	455	6	BC005366	BC005366 Homo sapi
c	147	16.4	82.0	455	6	CQ502074	CQ502074 Sequence
c	148	16.4	82.0	468	6	CQ510950	CQ510950 Sequence
c	149	16.4	82.0	713	6	CQ696071	CQ696071 Sequence
c	150	16.4	82.0	713	6	BD027480	BD027480 Sequence
c	151	16.4	82.0	1134	6	AX887870	AX887870 Sequence
c	152	16.4	82.0	1136	6	HSATPSYN	HSATPSYN H.sapiens m
c	153	16.4	82.0	1168	6	X60221	X60221 H.sapiens m
c	154	16.4	82.0	1183	6	CQ728829	CQ728829 Sequence
c	155	16.4	82.0	1201	8	AK223018	AK223018 Homo sapi
c	156	16.4	82.0	1230	8	BC005960	BC005960 Homo sapi
c	157	16.4	82.0	1231	8	BC005366	BC005366 Homo sapi
c	158	16.4	82.0	1231	6	CQ489512	CQ489512 Sequence
c	159	16.4	82.0	1231	6	CQ490503	CQ490503 Sequence
c	160	16.4	82.0	1231	6	CQ495353	CQ495353 Sequence
c	161	16.4	82.0	1376	10	BVI78658	BVI78658 sqqml10184
c	162	16.4	82.0	1376	6	BVI78779	BVI78779 sqqml10251
c	163	16.4	82.0	1624	6	CS115213	CS115213 Sequence
c	164	16.4	82.0	53286	15	AC149490	AC149490 Medicago

c	#					Accession	Description
c	165	16.4	82.0	110000	2	CP000079_04	Continuation (5 of
c	166	16.4	82.0	110000	2	CP000081_12	Continuation (13 o
c	167	16.4	82.0	110000	2	CP000081_13	Continuation (14 o
c	168	16.4	82.0	110000	14	CT005257_3	Continuation (4 of
c	169	16.4	82.0	110000	14	LMFLCHR18_04	Continuation (5 of
c	170	16.4	82.0	110000	9	LMFLCHR18_05	Continuation (6 of
c	171	16.4	82.0	144529	14	AC125253	AC125253 Mus muscu
c	172	16.4	82.0	144973	14	AC149885	AC149885 Xenopus t
c	173	16.4	82.0	152476	14	AP001869	AP001869 Homo sapi
c	174	16.4	82.0	153108	8	AL390195	AL390195 Human DNA
c	175	16.4	82.0	153108	14	AC067774	AC067774 Homo sapi
c	176	16.4	82.0	158933	14	AC158861	AC158861 Bos tauru
c	177	16.4	82.0	163532	14	AC157491	AC157491 Mus muscu
c	178	16.4	82.0	169243	14	AC104816	AC104816 Homo sapi
c	179	16.4	82.0	191326	14	AC153227	AC153227 Bos tauru
c	180	16.4	82.0	193326	14	AC155578	AC155578 Zea mays
c	181	16.4	82.0	211429	14	AC119638	AC119638 Rattus no
c	182	16.4	82.0	211429	14	AC160543	AC160543 Mus muscu
c	183	16.4	82.0	216393	14	AC145460	AC145460 Pan trogl
c	184	16.4	82.0	220989	14	AC107561	AC107561 Rattus no
c	185	16.4	82.0	231722	14	AC097596	AC097596 Rattus no
c	186	16.4	82.0	233603	14	AC115320	AC115320 Rattus no
c	187	16.4	82.0	234399	14	AC095295	AC095295 Rattus no
c	188	16.4	82.0	239927	14	AC117147	AC117147 Rattus no
c	189	16.4	82.0	240652	14	AC161910	AC161910 Bos tauru
c	190	16	82.0	249068	14	AC125776	AC125776 Rattus no
c	191	16.4	82.0	251370	14	AC156740	AC156740 Bos tauru
c	192	16.4	82.0	273527	14	AC163082	AC163082 Bos tauru
c	193	16.4	82.0	278083	14	AY302555	AY302555 Human ech
c	194	16	80.0	7420	13	AC074363	AC074363 Homo sapi
c	195	16	80.0	151325	8	AC096183	AC096183 Rattus no
c	196	16	80.0	235661	14	AC125730	AC125730 Rattus no
c	197	16	80.0	235828	14	AC127053	AC127053 Rattus no
c	198	16	80.0	237428	14	CQ690495	CQ690495 Sequence
c	199	15.8	79.0	171	6	Z50368	Z50368 D. melanoga
c	200	15.8	79.0	214	10	BD130320	BD130320 Sequence
c	201	15.8	79.0	354	6	BD130410	BD130410 Member of
c	202	15.8	79.0	354	6	CR457351	CR457351 Sequence
c	203	15.8	79.0	354	6	AR235333	AR235333 Sequence
c	204	15.8	79.0	354	6	AR285220	AR285220 Sequence
c	205	15.8	79.0	511	4	AJ388517	AJ388517 Canis fam
c	206	15.8	79.0	527	10	CFA388517	CFA388517 Canis fam
c	207	15.8	79.0	583	6	BV306019	BV306019 S236P6431
c	208	15.8	79.0	583	6	BD119613	BD119613 EST and e
c	209	15.8	79.0	583	6	AR424060	AR424060 Sequence
c	210	15.8	79.0	583	6	AX984754	AX984754 Sceloporu
c	211	15.8	79.0	704	10	AF210333	AF210333 Sceloporu
c	212	15.8	79.0	704	8	BV669863	BV669863 S216P6219
c	213	15.8	79.0	803	8	CQ722119	CQ722119 Sequence
c	214	15.8	79.0	827	10	BV043518	BV043518 Sequence
c	215	15.8	79.0	868	5	SJU88293	SJU88293 Sceloporus
c	216	15.8	79.0	921	6	AX506721	AX506721 Sequence
c	217	15.8	79.0	954	6	AR385702	AR385702 Sequence
c	218	15.8	79.0	1014	8	CR457351	CR457351 Sequence
c	219	15.8	79.0	1126	15	AY088094	AY088094 Arabidops
c	220	15.8	79.0	1140	6	AF141375	AF141375 Arabidops
c	221	15.8	79.0	1153	5	AF282261	AF282261 Draco qua
c	222	15.8	79.0	1156	5	AF288234	AF288234 Draco spi
c	223	15.8	79.0	1593	2	AY373526	AY373526 Trypanoso
c	224	15.8	79.0	1646	8	AK025863	AK025863 Homo sapi
c	225	15.8	79.0	1675	8	BC001860	BC001860 Homo sapi
c	226	15.8	79.0	1692	8	BC013988	BC013988 Homo sapi
c	227	15.8	79.0	1748	8	AB169640	AB169640 Macaca fa
c	228	15.8	79.0	1925	8	BC052291	BC052291 Homo sapi
c	229	15.8	79.0	1951	9	BC009455	BC009455 Homo sapi
c	230	15.8	79.0	1999	8	BC090017	BC090017 Rattus no
c	231	15.8	79.0	2688	8	CQ842119	CQ842119 Sequence
c	232	15.8	79.0	2688	6	AK123028	AK123028 Sequence
c	233	15.8	79.0	2779	6	AF141376	AF141376 Arabidops
c	234	15.8	79.0	3014	5	BC078005	BC078005 Xenopus l
c	235	15.8	79.0	3046	8	AX747624	AX747624 Sequence
c	236	15.8	79.0	3046	8	AK092602	AK092602 Homo sapi
c	237	15.8	79.0	3240	15	AY099745	AY099745 Arabidops

GenCore version 5.1.7
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OM nucleic - nucleic search, using sw model

Run on: March 17, 2006, 19:50:39 ; Search time 371.957 Seconds
                                                (without alignments)
                                                358.359 Million cell updates/sec

Title: US-10-625-124-9
Perfect score: 20
Sequence: 1 cttcataccggcagccacat 20

Scoring table: IDENTITY_NUC
                     Gapop 10.0 , Gapext 1.0
Searched: 4996997 seqs, 3332346308 residues

Total number of hits satisfying chosen parameters: 9993994

Post-processing: Minimum Match 0%
                 Maximum Match 100%
                 Listing first 500 summaries

Minimum DB seq length: 0
Maximum DB seq length: 200000000

Database :   N_Geneseq_21:*
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                     2: geneseqn1990s:*
                     3: geneseqn2000s:*
                     4: geneseqn2001as:*
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                    12: geneseqn2004as:*
                    13: geneseqn2004bs:*
                    14: geneseqn2005s:*

SUMMARIES

Result No.	Score	% Query Match	Length	DB	ID	Description
1	100.0	20	13	ADU17697	Adu17697 Reverse P
2	100.0	20	13	AAC00271	Aac00271 Human sec
3	100.0	364	10	ADF81861	Adf81861 Leukaemia
4	100.0	1253	13	ADR24560	Adr24560 Breast ca
5	100.0	2016	13	ADU17689	Adu17689 Human bio
6	100.0	12990	13	ADU17691	Adu17691 Human bio
7	100.0	261	9	ACH33458	Ach33458 Human end
8	92.0	402	4	AAI29303	Aai29303 Colon tum
9	92.0	402	8	ABZ33489	Abz33489 Human col
10	92.0	454	5	AAS82930	Aas82930 DNA encod
11	92.0	459	9	ACH47426	Ach47426 Human inf
12	92.0	464	9	ACH24628	Ach24628 Human adu
13	92.0	470	3	AAC00748	Aac00748 Human sec
14	92.0	492	9	ACH22169	Ach22169 Human adu
15	92.0	495	2	AAV73475	Aav73475 Human G3B
16	92.0	500	13	AAS76444	Aas76444 DNA encod
17	92.0	528	6	ADP54393	Adp54393 Human PRO
18	92.0	560	6	ABV86837	Abv86837 Human col
19	92.0	598	10	ADD49277	Add49277 Human lun
20	92.0	913	2	AAZ33485	Aaz33485 Human pro
21	92.0	936	3	AAA01859	Aaa01859 Human col
22	92.0	1403	13	ADU17976	Adu17976 Human can
23	92.0	1750	3	AAF18297	Aaf18297 Lung canc
24	92.0	2541	12	ACN38415	Acn38415 Tumour-as
25	92.0	3026	12	ADE77149	Ade77149 Human CDN
26	92.0	9151	5	ABA14677	Aba14677 Human pro
27	87.0	647	8	ABV88506	Abv88506 Human col
28	87.0	2097	14	ADZ62857	Adz62857 Murine Sf
29	84.0	437	9	ACH46435	Ach46435 Human inf
30	84.0	410	6	ABV12794	Abv12794 Human ner
31	82.0	412	5	ABV03625	Abv03625 Human pro
32	82.0	440	6	ABV87906	Abv87906 Human col
33	82.0	455	5	ABV42798	Abv42798 Human pro
34	82.0	455	5	ABV33923	Abv33923 Human pro
35	82.0	455	3	AAC03735	Aac03735 Human sec
36	82.0	713	3	ACC62291	Acc62291 Human NOV
37	82.0	894	8	ACC62290	Acc62290 Human NOV
38	82.0	900	8	ADS88614	Ads88614 Human hou
39	82.0	1183	13	ADU60299	Adu60299 Housekeep
40	82.0	1183	13	ADG32810	Adg32810 Human DNA
41	82.0	1230	10	ACN37430	Acn37430 Tumour-as
42	82.0	1230	14	ADZ48817	Adz48817 Insulin s
43	82.0	1231	5	ABV22377	Abv22377 Human pro
44	82.0	1231	5	ABV28197	Abv28197 Human pro
45	82.0	1231	5	ABV21388	Abv21388 Human pro
46	82.0	1231	5	ABV27206	Abv27206 Human pro
47	82.0	1624	14	AEA81501	Aea81501 Human mit
48	82.0	1777	4	AAH98599	Aah98599 Human EST
49	82.0	3640	10	ADB47425	Adb47425 Human CDN
50	79.0	196	9	AAD58293	Aad58293 Human tum
51	79.0	354	2	AAZ08628	Aaz08628 EST with
52	79.0	354	3	AAZ35800	Aaz35800 Expressed
53	79.0	392	8	ABX41931	Abx41931 Bovine ES
54	79.0	460	13	ACF82654	Acf82654 Human SIR
55	79.0	490	6	ACH12944	Ach12944 Human adu
56	79.0	497	10	ADE81722	Ade81722 Arabidops
57	79.0	685	3	AAF18131	Aaf18131 Lung canc
58	79.0	921	6	ABZ13611	Abz13611 Arabidops
59	79.0	954	11	ACH96636	Ach96636 Klebsiell
60	79.0	996	9	AAD58276	Aad58276 Arabidops
61	79.0	1219	3	AAC77255	Aac77255 Human ORF
62	79.0	1457	8	ABX05181	Abx05181 Human nov
63	79.0	1115	3	AAI69756	Aai69756 Human zin
64	79.0	1628	14	AAK63517	Aak63517 Human imm
65	79.0	1146	8	ACA45810	Aca45810 Prokaryot
66	79.0	1185	3	AAC45361	Aac45361 Arabidops
67	79.0	1188	3	AAC41076	Aac41076 Arabidops
68	79.0	1101	4	AAC32629	Aac32629 Arabidops
69	79.0	1457	8	ABX05181	Abx05181 Human nov
70	79.0	1716	6	ABQ50896	Abq50896 Oligonucl
71	79.0	1716	6	ABQ50897	Abq50897 Oligonucl
72	79.0	1750	13	ADX45306	Adx45306 Plant ful
73	79.0	1818	13	ADX60898	Adx60898 Plant ful
74	79.0	1970	12	ADQ86375	Adq86375 Human tum
75	79.0	1970	12	ADQ85215	Adq85215 Human tum
76	79.0	2257	12	ADL33438	Adl33438 Protein m
77	79.0	2343	8	ACA24297	Aca24297 Prokaryot
78	79.0	2688	12	ADQ63605	Adq63605 Novel hum
79	79.0	3046	10	ADB62995	Adb62995 Human CDN
80	79.0	3517	3	AAA13378	Aaa13378 Mouse MT4
81	79.0	3517	10	AAA14339	Aaa14339 cDNA enco
82	79.0	3949	13	ADI22626	Adi22626 Human liv
83	79.0	4666	13	ADR08441	Adr08441 Full leng
84	79.0	7142	6	ABS58372	Abs58372 Protein m
85	79.0	8029	9	AAL62036	Aal62036 Human cel
86	79.0	71108	11	ACN44782	Acn44782 Human gen
87	79.0	9617	14	ADZ13161	Adz13161 Human can
88	79.0	3046	10	ADA02708	Ada02708 Human ZFH
89	79.0	3517	3	ADB72446	Adb72446 Human ZFH
90	79.0	96589	10	ADE95956	Ade95956 Human ZFH
91	79.0	96589	12	ADN46845_13	Continuation (14 o
92	79.0	110000	12	ADN47591_06	Continuation (7 of

c	#	Score1	Score2	Length	N	Accession	Description
c	93	15.8	79.0	110000	12	ADN46123_13	Continuation (14 o
c	94	15.8	79.0	110000	12	ADN47209_06	Continuation (7 of
c	95	15.8	79.0	110000	12	ADN46464_13	Continuation (14 o
c	96	15.8	79.0	110000	12	ADN47960_06	Continuation (7 of
c	97	15.8	79.0	226475	9	Aad58279	Human tum
c	98	15.4	77.0	430	8	Abx45315	Bovine ES
c	99	15.4	77.0	655	12	Adj43685	Plant cDN
c	100	15.4	77.0	659	12	Adj43684	Plant cDN
c	101	15.4	77.0	1188	5	Aah52210	Human AFP
c	102	15.4	77.0	1963	3	Aac76585	Human ORF
c	103	15.4	77.0	2138	4	Aah15870	Human CDN
c	104	15.4	77.0	2397	12	Adq84916	Human tum
c	105	15.4	77.0	2414	14	Adi82460	Human mod
c	106	15.4	77.0	2414	14	Adx25927	Novel cel
c	107	15.4	77.0	2973	5	Abal9817	Human ner
c	108	15.4	77.0	3185	10	Adc30466	Human nov
c	109	15.4	77.0	3352	10	Adb61919	Human CDN
c	110	15.4	77.0	3502	10	Adl25756	Human can
c	111	15.4	77.0	3670	10	Adl25754	Human can
c	112	15.4	77.0	3670	2	Aat36388	Periplasm
c	113	15.4	77.0	3670	2	Aav83129	Hexosamin
c	114	15.4	77.0	3945	12	Aaz38241	Vibrio fu
c	115	15.4	77.0	3945	12	Adf72084	Mouse KPC
c	116	15.4	77.0	3945	12	Adf72082	Human KPC
c	117	15.4	77.0	4017	11	Adr06788	Full leng
c	118	15.4	77.0	4226	11	Adm02551	Human cDN
c	119	15.4	77.0	150130	11	Acn44394	Human gen
c	120	15.2	76.0	20	10	Adc35590	Human CD8
c	121	15.2	76.0	243	4	Aan71332	Exon 4 hu
c	122	15.2	76.0	257	4	Aas25002	Human ova
c	123	15.2	76.0	274	6	Abk38986	cDNA enco
c	124	15.2	76.0	274	6	Abk39011	cDNA enco
c	125	15.2	76.0	274	8	Aca11340	Human lun
c	126	15.2	76.0	274	8	Aca11315	Human lun
c	127	15.2	76.0	274	8	Aca02526	Lung canc
c	128	15.2	76.0	274	10	Aca02501	Lung canc
c	129	15.2	76.0	274	10	Aah46543	Human lun
c	130	15.2	76.0	274	13	Adh46568	Human lun
c	131	15.2	76.0	274	13	Adj20487	Human lun
c	132	15.2	76.0	274	13	Adj20462	Human lun
c	133	15.2	76.0	275	7	Ads71501	Human kid
c	134	15.2	76.0	275	7	Adw40355	cDNA elev
c	135	15.2	76.0	300	2	Aaz14360	Human gen
c	136	15.2	76.0	311	6	Abk44906	cDNA enco
c	137	15.2	76.0	341	4	Aac03174	Human sec
c	138	15.2	76.0	354	5	Abl27387	Drosophil
c	139	15.2	76.0	380	5	Aah83647	Human ova
c	140	15.2	76.0	461	4	Aai12351	Probe #22
c	141	15.2	76.0	461	4	Aba54052	Human foe
c	142	15.2	76.0	461	4	Aai33706	Probe #23
c	143	15.2	76.0	461	4	Aba43601	Human bre
c	144	15.2	76.0	461	4	Aba23804	Probe #22
c	145	15.2	76.0	461	4	Aak27769	Human bon
c	146	15.2	76.0	461	4	Aak02325	Human bra
c	147	15.2	76.0	461	4	Abs27349	Human liv
c	148	15.2	76.0	461	4	Aai02263	Probe #22
c	149	15.2	76.0	469	6	Abe02221	Human gen
c	150	15.2	76.0	469	9	Abn96688	Gene #318
c	151	15.2	76.0	478	9	Ach13363	Human adu
c	152	15.2	76.0	486	9	Ach15331	Human adu
c	153	15.2	76.0	505	6	Aaa47430	Sequence
c	154	15.2	76.0	524	6	Abg55272	Human ova
c	155	15.2	76.0	547	13	Adr12353	Human tar
c	156	15.2	76.0	552	10	Adf79476	Leukaemia
c	157	15.2	76.0	556	10	Aat19480	Human gen
c	158	15.2	76.0	606	8	Abx05352	Human nov
c	159	15.2	76.0	626	10	Adc35538	Human CD8
c	160	15.2	76.0	843	13	Ads62533	Bacterial
c	161	15.2	76.0	843	13	Ads62981	Bacterial
c	162	15.2	76.0	883	2	Adt98747	DNA encod
c	163	15.2	76.0	903	13	Ads55759	Bacterial
c	164	15.2	76.0	911	4	Aaf44669	Novel pro
c	165	15.2	76.0	911	12	Adi29367	Human MAR

c	#	Score1	Score2	Length	N	Accession	Description
c	166	15.2	76.0	947	6	Abz17023	Arabidops
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c	168	15.2	76.0	1002	5	Aba19878	Human ner
c	169	15.2	76.0	1083	4	Aas06725	Polynucle
c	170	15.2	76.0	1170	4	Aaf85074	Nucleotid
c	171	15.2	76.0	1266	12	Adk71927	Human kin
c	172	15.2	76.0	1281	13	Acf87520	Human SIR
c	173	15.2	76.0	1281	13	Acf87464	Human SIR
c	174	15.2	76.0	1299	13	Abd06845	Pseudomon
c	175	15.2	76.0	1332	13	Adp22998	PRO polyp
c	176	15.2	76.0	1332	13	Adr73447	Human CD8
c	177	15.2	76.0	1332	14	Adv97160	Human CD8
c	178	15.2	76.0	1332	14	Adx06431	Cyclin-de
c	179	15.2	76.0	1332	14	Ady52033	DNA encod
c	180	15.2	76.0	1334	10	Aec02095	Nucleotid
c	181	15.2	76.0	1335	6	Adi62784	Human apo
c	182	15.2	76.0	1341	2	Adg79253	Human sec
c	183	15.2	76.0	1352	2	Aaz41324	Human nor
c	184	15.2	76.0	1352	10	Adp46496	Human col
c	185	15.2	76.0	1374	10	Adb59241	Toxicity-
c	186	15.2	76.0	1374	10	Adb53923	Primary r
c	187	15.2	76.0	1374	13	Adv41815	Rat cardi
c	188	15.2	76.0	1403	3	Aac98011	Human apo
c	189	15.2	76.0	1429	12	Adi40928	Human kin
c	190	15.2	76.0	1445	12	Adp46497	Human col
c	191	15.2	76.0	1470	10	Adc35540	Human CD8
c	192	15.2	76.0	1470	13	Acn39161	Tumour-as
c	193	15.2	76.0	1481	10	Adi62883	Human apo
c	194	15.2	76.0	1496	6	Abl69266	Prostate
c	195	15.2	76.0	1496	10	Adc35531	Human CD8
c	196	15.2	76.0	1496	10	Adf81425	Leukaemia
c	197	15.2	76.0	1496	10	Adg32023	Human DNA
c	198	15.2	76.0	1496	10	Adh28852	Human chr
c	199	15.2	76.0	1497	13	Ads59607	Bacterial
c	200	15.2	76.0	1535	10	Adi62882	Human apo
c	201	15.2	76.0	1536	13	Ads62080	Bacterial
c	202	15.2	76.0	1539	8	Abt14587	Pseudomon
c	203	15.2	76.0	1545	5	Aah64879	Human sec
c	204	15.2	76.0	1602	4	Abl30257	Drosophil
c	205	15.2	76.0	1678	10	Abx08936	cDNA enco
c	206	15.2	76.0	1722	10	Aax30340	DNA encod
c	207	15.2	76.0	1722	12	Adb47804	Novel hum
c	208	15.2	76.0	1722	12	Adj55359	Novel hum
c	209	15.2	76.0	1743	11	Abd06862	Pseudomon
c	210	15.2	76.0	1790	6	Abd06878	Pseudomon
c	211	15.2	76.0	1853	4	Aad30557	Human kin
c	212	15.2	76.0	1854	4	Aah14166	Human CDN
c	213	15.2	76.0	1859	4	Aaf58316	Human GTP
c	214	15.2	76.0	1928	4	Aaf85075	Nucleotid
c	215	15.2	76.0	2058	5	Aas73012	DNA encod
c	216	15.2	76.0	2124	4	Abl16559	Drosophil
c	217	15.2	76.0	2158	11	Adm02862	Human CDN
c	218	15.2	76.0	2158	12	Adq96289	T cell ac
c	219	15.2	76.0	2170	14	Ady71948	Mouse G2F
c	220	15.2	76.0	2290	4	Adp46498	Human col
c	221	15.2	76.0	2354	4	Abl27386	Drosophil
c	222	15.2	76.0	2555	6	Ael55518	Human MAM
c	223	15.2	76.0	2593	13	Acn40174	Tumour-as
c	224	15.2	76.0	2593	13	Adp54459	Human PRO
c	225	15.2	76.0	2593	14	Adx07077	Cyclin-de
c	226	15.2	76.0	2638	8	Abn59719	Novel hum
c	227	15.2	76.0	2986	8	Abz80413	Human pro
c	228	15.2	76.0	3141	13	Adq88702	Human ATP
c	229	15.2	76.0	3160	4	Abk83212	Human tra
c	230	15.2	76.0	3219	4	Abl08079	Drosophil
c	231	15.2	76.0	3237	4	Abl12642	Drosophil
c	232	15.2	76.0	3349	4	Abl13527	Drosophil
c	233	15.2	76.0	3590	14	Aeb56446	Radiochem
c	234	15.2	76.0	3624	14	Ado28604	Human myo
c	235	15.2	76.0	3624	14	Adz49013	Insulin s
c	236	15.2	76.0	3658	4	Abj30348	Drosophil
c	237	15.2	76.0	3663	4	Abl30256	Drosophil
c	238	15.2	76.0	3663	4	Abl30256	Drosophil

OM nucleic - nucleic search, using sw model

GenCore version 5.1.7
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Run on: March 17, 2006, 20:51:03 ; Search time 1597.17 Seconds
(without alignments)
585.873 Million cell updates/sec

Title: US-10-625-124-9
Perfect score: 20
Sequence: 1 cctcataccggcagccacat 20

Scoring table: IDENTITY_NUC
Gapop 10.0 , Gapext 1.0

Searched: 41078325 seqs, 2339541228 residues

Total number of hits satisfying chosen parameters: 82156650

Minimum DB seq length: 0
Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 500 summaries

Database :
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 2: gb_est2:*
 3: gb_est3:*
 4: gb_htc:*
 5: gb_est4:*
 6: gb_est5:*
 7: gb_est6:*
 8: gb_est7:*
 9: gb_gss1:*
10: gb_gss2:*
11: gb_gss3:*
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Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.		Score	%	Query Match	Length	DB	ID	Description
C	1	300	100.0	1	300	3	AU098915	AU098915
C	2	314	100.0	2	314	1	BF849483	BF849483 IL5-EN008
C	3	434	100.0	8	434	1	T53932	T53932 yb85a06.r1
C	4	448	100.0	1	448	1	AW594322	AW594322 hg59d03.x
C	5	479	100.0	1	479	1	AA426104	AA426104 zu66h06.r
C	6	485	100.0	3	485	3	BP224073	BP224073
C	7	492	100.0	3	492	3	BM993406	BM993406 UI-H-DT0-
C	8	496	100.0	2	496	2	BG747472	BG747472 602704779
C	9	522	100.0	6	522	6	AA405864	AA405864 zu66h07.s
C	10	527	100.0	6	527	6	CA310324	CA310324 UI-H-PT1-
C	11	530	100.0	6	530	6	CB111882	CB111882 K-EST0153
C	12	546	100.0	2	546	2	BB814688	BB814688 PM1-BN008
C	13	555	100.0	1	555	1	AI391654	AI391654 t99c07.x
C	14	556	100.0	3	556	3	CB297181	CB297181 12B22033-
C	15	557	100.0	3	557	3	BP274875	BP274875
C	16	559	100.0	5	559	5	BX487803	BX487803 DKFZp686D
C	17	560	100.0	1	560	1	AI797115	AI797115 we27b02.x
C	18	561	100.0	3	561	3	BP241154	BP241154
C	19	562	100.0	7	562	7	BP239399	BP239399
C	20	562	100.0	5	562	5	CK905568	CK905568 1h26f10.y
C	21	564	100.0	1	564	1	AU279476	AU279476
C	22	572	100.0	3	572	3	BI761569	BI761569 603046488
C	23	574	100.0	3	574	3	BP213400	BP213400 BP213400
C	24	575	100.0	1	575	1	AI378036	AI378036 te67g12.x
C	25	577	100.0	2	577	2	AW771639	AW771639 hn59f08.x
C	26	579	100.0	1	579	1	AW771591	AW771591 hn58g10.x
C	27	579	100.0	3	579	3	BP212549	BP212549 BP212549
C	28	580	100.0	3	580	3	BP277224	BP277224 BP277224
C	29	580	100.0	3	580	3	AW268836	AW268836 XV48a04.x
C	30	580	100.0	3	580	3	BP321544	BP321544 BP321544
C	31	580	100.0	3	580	3	BP332044	BP332044 BP332044
C	32	581	100.0	1	581	1	AI651543	AI651543 wa22e06.x
C	33	581	100.0	3	581	3	BP250812	BP250812 BP250812
C	34	581	100.0	2	581	2	BP357711	BP357711 BP357711
C	35	582	100.0	3	582	3	BP216508	BP216508 BP216508
C	36	582	100.0	3	582	3	BP229719	BP229719 BP229719
C	37	582	100.0	3	582	3	BP255505	BP255505 BP255505
C	38	582	100.0	3	582	3	BP289331	BP289331 BP289331
C	39	582	100.0	3	582	3	BP294125	BP294125 BP294125
C	40	582	100.0	3	582	3	BP326502	BP326502 BP326502
C	41	582	100.0	3	582	3	BP355742	BP355742 BP355742
C	42	583	100.0	3	583	3	BP271460	BP271460 BP271460
C	43	583	100.0	3	583	3	BP363684	BP363684 BP363684
C	44	584	100.0	3	584	3	BP344472	BP344472 BP344472
C	45	584	100.0	3	584	3	BP358428	BP358428 BP358428
C	46	592	100.0	5	592	5	BX340297	BX340297 BX340297
C	47	593	100.0	3	593	3	BP214206	BP214206 BP214206
C	48	595	100.0	3	595	3	BM507279	BM507279 ih26f10.y
C	49	600	100.0	3	600	3	BM666512	BM666512 UI-E-CQ1-
C	50	601	100.0	3	601	3	BM993414	BM993414 UI-H-DT0-
C	51	625	100.0	7	625	7	CN481922	CN481922 hw13g05.y
C	52	631	100.0	5	631	5	BI838922	BI838922 603088404
C	53	657	100.0	7	657	7	CV028566	CV028566 7114 Full
C	54	665	100.0	1	665	1	AL039824	AL039824 DKFZp434C
C	55	673	100.0	3	673	3	BI836119	BI836119 603088821
C	56	677	100.0	3	677	3	BM695624	BM695624 UI-E-CQ1-
C	57	685	100.0	7	685	7	CN277568	CN277568 170005319
C	58	697	100.0	2	697	2	BG769726	BG769726 602744618
C	59	697	100.0	3	697	3	BI836186	BI836186 603085721
C	60	723	100.0	3	723	3	BM840185	BM840185 K-EST0117
C	61	743	100.0	10	743	10	AG186833	AG186833 Pan trogl
C	62	755	100.0	2	755	2	BE871868	BE871868 60144788S
C	63	773	100.0	1	773	1	AU137728	AU137728 AU137728
C	64	773	100.0	3	773	3	BM919775	BM919775 AGENCOURT
C	65	803	100.0	3	803	3	BI770329	BI770329 603055236
C	66	829	100.0	3	829	3	BI560515	BI560515 603054502
C	67	855	100.0	6	855	6	CB992557	CB992557 AGENCOURT
C	68	865	100.0	6	865	6	BI759206	BI759206 603042633
C	69	878	100.0	6	878	6	CD358893	CD358893 AGENCOURT
C	70	881	100.0	2	881	2	AL549312	AL549312 AGENCOURT
C	71	886	100.0	3	886	3	BI834207	BI834207 603089112
C	72	913	100.0	5	913	5	BX402565	BX402565 BX402565
C	73	917	100.0	5	917	5	BX458352	BX458352 BX458352
C	74	922	100.0	5	922	5	BX382242	BX382242 BX382242
C	75	935	100.0	2	935	2	BG252311	BG252311 602421711
C	76	935	100.0	2	935	2	BG323330	BG323330 602421711
C	77	940	100.0	1	940	1	AL549778	AL549778 AL549778
C	78	968	100.0	3	968	3	BQ707863	BQ707863 AGENCOURT
C	79	1003	100.0	2	1003	2	BM473862	BM473862 BM473862
C	80	1044	100.0	1	1044	1	AL523081	AL523081 AL523081
C	81	1076	100.0	3	1076	3	BM473861	BM473861 BM473861
C	82	1578	100.0	1	1578	1	AY413611	AY413611 AGENCOURT
C	83	1632	100.0	10	1632	10	AY413610	AY413610 Homo sapi
C	84	1995	100.0	4	1995	4	CR624205	CR624205 full-leng
C	85	415	19	95.0	3	415	3	C06342	C06342 C06342 Huma
C	86	1505	19	95.0	3	1505	3	BP383106	BP383106 BP383106
C	87	182	18.4	92.0	7	182	7	CN358891	CN358891 170005322
C	88	178	18.4	92.0	7	178	7	CN358922	CN358922 170005322
C	89	193	18.4	92.0	2	193	2	BE094733	BE094733 K-EST0128
C	90	229	18.4	92.0	3	229	3	BM848523	BM848523 MR0-BT077
C	91	235	18.4	92.0	3	235	3	AW296366	AW296366 K-EST0028
C	92	239	18.4	92.0	8	239	8	H17874	H17874 UI-H-BW0-
C	93	241	18.4	92.0	5	241	5	BX633684	BX633684 Ym36e10.r1
C	94	274	18.4	92.0	2	274	2	AA377760	AA377760 EST42532
C	95	277	18.4	92.0	1	277	1	AA091409	AA091409 112049.se

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   97    18.4    92.0    279  2  BE700002          BE700002 MRO-NN008
c  98    18.4    92.0    286  1  AA385909          AA385909 EST99611
   99    18.4    92.0    286  2  BE094734          BE094734 MRO-BT077
c 100    18.4    92.0    290  1  AA362455          AA362455 EST72163
c 101    18.4    92.0    292  2  BE094753          BE094753 MRO-BT077
c 102    18.4    92.0    295  6  CB130938          CB130938 K-EST0180
c 103    18.4    92.0    296  1  AA328031          AA328031 EST31502
  104    18.4    92.0    300  2  BE094740          BE094740 MRO-BT077
c 105    18.4    92.0    300  2  BE094765          BE094765 MRO-BT077
  106    18.4    92.0    300  2  BE094767          BE094767 MRO-BT077
c 107    18.4    92.0    302  1  AA349692          AA349692 EST56636
c 108    18.4    92.0    311  8  F11909            F11909 HSC33B111 n
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  110    18.4    92.0    324  1  AW058568          AW058568 wx23e09.x
c 111    18.4    92.0    324  1  AW363541          AW363541 PM4-CT033
c 112    18.4    92.0    324  6  CB067232          CB067232 iq34a10.y
c 113    18.4    92.0    331  2  BF838034          BF838034 PM1-HT100
c 114    18.4    92.0    333  7  CN358958          CN358958 170005326
c 115    18.4    92.0    338  7  CN358925          CN358925 170005999
c 116    18.4    92.0    342  7  CN358898          CN358898 170004708
c 117    18.4    92.0    344  1  AA317094          AA317094 EST18983
c 118    18.4    92.0    345  1  AA306522          AA306522 EST177474
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c 120    18.4    92.0    347  6  CB147747          CB147747 K-EST0203
c 121    18.4    92.0    349  8  D55304            D55304 HUM173B10B
c 122    18.4    92.0    355  2  BF549466          BF549466 UI-R-C2-m
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c 124    18.4    92.0    359  1  AV650634          AV650634 AV650634
c 125    18.4    92.0    363  7  CN358957          CN358957 170005325
c 126    18.4    92.0    370  1  AA355014          AA355014 EST63351
c 127    18.4    92.0    370  2  BG116784          BG116784 602318866
c 128    18.4    92.0    372  1  AV688620          AV688620 AV688620
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c 130    18.4    92.0    373  1  AV650664          AV650664 AV650664
c 131    18.4    92.0    373  1  AA308231          AA308231 EST179065
c 132    18.4    92.0    376  7  CN358917          CN358917 170006002
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c 139    18.4    92.0    391  6  CB149254          CB149254 K-EST0205
c 140    18.4    92.0    395  6  CD695969          CD695969 EST12492
c 141    18.4    92.0    398  2  BE730658          BE730658 601569858
c 142    18.4    92.0    404  5  BU656465          BU656465 cl11f03.z
c 143    18.4    92.0    405  6  CB121076          CB121076 K-EST0168
  144    18.4    92.0    409  2  BE005371          BE005371 CM1-BN011
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c 147    18.4    92.0    414  3  BM771337          BM771337 K-EST0055
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c 151    18.4    92.0    419  1  AW405545          AW405545 UI-HF-BK0
c 152    18.4    92.0    420  2  BI044327          BI044327 CM0-OT021
c 153    18.4    92.0    423  7  CN358926          CN358926 170004245
c 154    18.4    92.0    425  2  BF887252          BF887252 CM4-TN014
c 155    18.4    92.0    426  3  BM771272          BM771272 K-EST0055
c 156    18.4    92.0    432  6  CB113682          CB113682 K-EST0157
c 157    18.4    92.0    434  1  AA316048          AA316048 EST187777
c 158    18.4    92.0    436  6  CB552725          CB552725 MMSP0020_
c 159    18.4    92.0    436  7  CN358945          CN358945 170005999
c 160    18.4    92.0    437  7  CN358916          CN358916 170005328
c 161    18.4    92.0    437  7  CR773003          CR773003 DKFZp468P
c 162    18.4    92.0    442  3  BM844558          BM844558 K-EST0122
c 163    18.4    92.0    442  6  CD567797          CD567797 EST0033 R
c 164    18.4    92.0    445  1  AL598927          AL598927 DKFZp313E
c 165    18.4    92.0    446  3  BP418888          BP418888 BP418888
c 166    18.4    92.0    450  7  CN358924          CN358924 170006000
c 167    18.4    92.0    451  1  AW402267          AW402267 UI-HF-BK0
c 168    18.4    92.0    451  3  BM849663          BM849663 K-EST0129
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c 171    18.4    92.0    455  6  CB130357          CB130357 K-EST0180
c 172    18.4    92.0    455  6  CB741273          CB741273 AMGNNUC:N
c 173    18.4    92.0    457  6  CB153231          CB153231 K-EST0210
c 174    18.4    92.0    459  2  BE547524          BE547524 601075149
c 175    18.4    92.0    460  1  AV703896          AV703896 AV703896
c 176    18.4    92.0    460  6  CB121128          CB121128 K-EST0168
c 177    18.4    92.0    465  1  AA806510          AA806510 oc28a04.s
c 178    18.4    92.0    465  2  BG528649          BG528649 602579501
c 179    18.4    92.0    466  6  CA405433          CA405433 1001582 H
c 180    18.4    92.0    467  1  AW405535          AW405535 UI-HF-BK0
c 181    18.4    92.0    467  6  CB713940          CB713940 AMGNNUC:C
c 182    18.4    92.0    469  6  CB121047          CB121047 K-EST0168
c 183    18.4    92.0    470  1  AA314828          AA314828 EST186649
c 184    18.4    92.0    470  6  CB733150          CB733150 AMGNNUC:N
c 185    18.4    92.0    471  2  BE866630          BE866630 601679228
c 186    18.4    92.0    471  6  CF142166          CF142166 UI-HF-CB0
c 187    18.4    92.0    485  1  AI142330          AI142330 qg63e09.r
c 188    18.4    92.0    485  6  CB121648          CB121648 K-EST0169
c 189    18.4    92.0    486  1  AW951715          AW951715 EST363785
c 190    18.4    92.0    488  1  AU297965          AU297965 AU297965
c 191    18.4    92.0    489  6  CB726026          CB726026 AMGNNUC:N
c 192    18.4    92.0    490  5  BU658698          BU658698 cl39b10.z
c 193    18.4    92.0    492  3  BM148237          BM148237 TCAAP1Q98
c 194    18.4    92.0    494  6  CB150783          CB150783 K-EST0207
c 195    18.4    92.0    494  6  CD698960          CD698960 EST15483
c 196    18.4    92.0    495 10   AY398913          AY398913 Homo sapi
c 197    18.4    92.0    497  9  AZ869354          AZ869354 2M0181M05
c 198    18.4    92.0    498  1  AA471118          AA471118 PMY2098 K
c 199    18.4    92.0    499  2  BF665625          BF665625 602119835
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c 202    18.4    92.0    500  2  BF029201          BF029201 601765417
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c 208    18.4    92.0    508  8  DN994218          DN994218 TC118249
c 209    18.4    92.0    509  2  BE018431          BE018431 bb80c08.y
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c 211    18.4    92.0    510  7  CN358919          CN358919 170006000
c 212    18.4    92.0    511  7  CR749055          CR749055 CR749055
c 213    18.4    92.0    514  2  BE568538          BE568538 601342435
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  216    18.4    92.0    516  2  BE984009          BE984009 UI-M-CG0p
  217    18.4    92.0    517  1  AW494841          AW494841 UI-M-BH3-
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c 219    18.4    92.0    519  6  CB547687          CB547687 AMGNNUC:N
c 220    18.4    92.0    521  1  AL598937          AL598937 DKFZp313F
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c 222    18.4    92.0    522  1  AA505530          AA505530 nh84h04.s
c 223    18.4    92.0    524  2  BF667734          BF667734 602122345
c 224    18.4    92.0    525  1  AA160551          AA160551 zo77c12.r
  225    18.4    92.0    525  1  AW119094          AW119094 xd79d05.x
c 226    18.4    92.0    526  1  AW403671          AW403671 UI-HF-BK0
c 227    18.4    92.0    529  3  BM083695          BM083695 imageqc_2
c 228    18.4    92.0    530  1  AY577286          AY577286 AY577286
c 229    18.4    92.0    530  2  BE018819          BE018819 bb85d08.y
c 230    18.4    92.0    530  5  BX473354          BX473354 DKFZp686N
c 231    18.4    92.0    531  1  AU296896          AU296896 AU296896
c 232    18.4    92.0    531  6  CB718915          CB718915 AMGNNUC:N
c 233    18.4    92.0    532  1  AJ710273          AJ710273 AJ710273
c 234    18.4    92.0    532  1  AA305316          AA305316 EST176339
c 235    18.4    92.0    532  2  BG500212          BG500212 602547656
c 236    18.4    92.0    532  7  CN358946          CN358946 170006000
c 237    18.4    92.0    534  6  CB151287          CB151287 K-EST0208
c 238    18.4    92.0    536  3  BM697972          BM697972 UI-E-DX0-
c 239    18.4    92.0    536  3  BM710243          BM710243 UI-E-CI1-
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c 241    18.4    92.0    538  1  AA312870          AA312870 EST183528
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OM nucleic - nucleic search, using sw model

GenCore version 5.1.7
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Run on: March 17, 2006, 20:56:50 ; Search time 54.3478 Seconds
(without alignments)
654.143 Million cell updates/sec

Title: US-10-625-124-9
Perfect score: 20
Sequence: 1 ctcatacacggcagccacat 20

Scoring table: IDENTITY NUC
Gapop 10.0 , Gapext 1.0

Searched: 1303057 seqs, 88780828 residues

Total number of hits satisfying chosen parameters: 2606114

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 500 summaries

Database : Issued_Patents_NA:*
1: /cgn2_6/ptodata/1/ina/1_COMB.seq:*
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8: /cgn2_6/ptodata/1/ina/RE_COMB.seq:*
9: /cgn2_6/ptodata/1/ina/backfiles1.seq:*

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	% Query Match	Length	DB	ID	Description
c 1	20	100.0	364	3	US-09-513-999C-269	Sequence 269, App
c 2	18.4	92.0	470	3	US-09-513-999C-746	Sequence 746, App
c 3	18.4	92.0	527	3	US-09-949-016-5271	Sequence 5271, Ap
c 4	18.4	92.0	601	3	US-09-949-016-183836	Sequence 183836,
c 5	18.4	92.0	601	3	US-09-949-016-183837	Sequence 183837,
c 6	18.4	92.0	3026	3	US-09-919-039-314	Sequence 314, App
c 7	18.4	92.0	9259	3	US-09-949-016-17013	Sequence 17013, A
c 8	18.4	92.0	713	3	US-09-513-999C-3733	Sequence 3733, Ap
c 9	16.4	82.0	1136	3	US-09-949-016-4754	Sequence 4754, Ap
c 10	16.4	82.0	15817	3	US-09-949-016-16496	Sequence 16496, A
c 11	15.8	79.0	354	3	US-09-250-609-100	Sequence 100, App
c 12	15.8	79.0	354	3	US-09-250-611-100	Sequence 100, App
c 13	15.8	79.0	583	3	US-09-621-976-15557	Sequence 15557, A
c 14	15.8	79.0	954	3	US-09-489-039A-2431	Sequence 2431, Ap
c 15	15.8	79.0	3046	3	US-10-104-047-1149	Sequence 1149, Ap
c 16	15.8	79.0	136264	3	US-09-949-016-12756	Sequence 12756, A
c 17	15.8	79.0	136265	3	US-09-949-016-13001	Sequence 13001, A
c 18	15.8	79.0	3352	3	US-10-104-047-73	Sequence 73, Appl
c 19	15.4	77.0	3670	3	US-08-386-727-3	Sequence 3, Appli
c 20	15.4	77.0	3670	2	US-08-600-452A-3	Sequence 3, Appli
c 21	15.4	77.0	265038	3	US-09-949-016-15779	Sequence 15779, A
c 22	15.2	76.0	274	3	US-09-702-705-1024	Sequence 1024, Ap
c 23	15.2	76.0	274	3	US-09-702-705-1049	Sequence 1049, Ap
c 24	15.2	76.0	274	3	US-09-736-457-1024	Sequence 1024, Ap
c 25	15.2	76.0	274	3	US-09-736-457-1049	Sequence 1049, Ap
c 26	15.2	76.0	274	3	US-09-614-124B-1024	Sequence 1024, Ap
c 27	15.2	76.0	274	3	US-09-614-124B-1049	Sequence 1049, Ap
c 28	15.2	76.0	274	3	US-09-671-325-1024	Sequence 1024, Ap
c 29	15.2	76.0	274	3	US-09-671-325-1049	Sequence 1049, Ap
c 30	15.2	76.0	274	3	US-09-658-824-1024	Sequence 1024, Ap
c 31	15.2	76.0	274	3	US-09-658-824-1049	Sequence 1049, Ap
c 32	15.2	76.0	274	3	US-10-017-754-1024	Sequence 1024, Ap
c 33	15.2	76.0	341	3	US-10-017-754-1049	Sequence 1049, Ap
c 34	15.2	76.0	439	3	US-09-513-999C-3172	Sequence 3172, Ap
c 35	15.2	76.0	439	3	US-09-270-767-1596	Sequence 1596, Ap
c 36	15.2	76.0	274	3	US-09-270-767-16878	Sequence 16878, A
c 37	15.2	76.0	274	3	US-09-651-563-1024	Sequence 1024, Ap
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c 62	15.2	76.0	37474	3	US-09-952-060-26	Sequence 26, Appl
c 63	15.2	76.0	38519	3	US-09-952-060-29	Sequence 29, Appl
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c 84	14.8	74.0	441	3	US-09-250-611-102	Sequence 102, App
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c	123	14.8	74.0	4302	3	US-09-976-674-24	Sequence 24, Appl
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c	229	14.2	71.0	2619	3	US-09-307-185-3	Sequence 3, Appli
c	230	14.2	71.0	2932	3	US-09-220-132-60	Sequence 60, Appl
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c	234	14.2	71.0	2994	3	US-09-549-016-4598	Sequence 4598, Ap
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Searched: 9793542 seqs, 413689005 residues

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Post-processing: Minimum Match 0%
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Pred. No. is the number of results predicted by chance to have a
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and is derived by analysis of the total score distribution.

SUMMARIES

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4	20	100.0	2016	6	US-10-625-124-1	Sequence 1, Appli
5	20	100.0	2016	9	US-10-956-157-335	Sequence 335, App
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11	18.4	92.0	291	5	US-10-040-862-3760	Sequence 3760, Ap
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Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	% Query Match	Length	DB	ID	Description
c 1	18.4	92.0	402	12	US-11-108-172-857	Sequence 857, App
c 2	17	85.0	19	10	US-11-101-244-57914	Sequence 57914, A
c 3	17	85.0	19	10	US-11-083-784-57914	Sequence 57914, A
c 4	16.8	84.0	200628	12	US-11-121-086-62	Sequence 62, Appl
c 5	16.8	82.0	771	8	US-10-821-234-548	Sequence 548, App
c 6	16.4	82.0	2011	8	US-10-750-185-32890	Sequence 32890, A
c 7	16.4	82.0	2011	8	US-10-750-623-32890	Sequence 32890, A
c 8	16	80.0	1400	12	US-11-136-527-7537	Sequence 7537, Ap
c 9	16	80.0	1813	12	US-11-136-527-3441	Sequence 3441, Ap
c 10	15.8	79.0	201	10	US-10-995-561-82601	Sequence 82601, A
c 11	15.8	79.0	1471	6	US-09-925-065A-71433	Sequence 71433, A
c 12	15.8	79.0	1471	6	US-09-925-065A-71434	Sequence 71434, A
c 13	15.8	79.0	2257	12	US-11-110-082-13	Sequence 13, Appl
c 14	15.8	79.0	3046	9	US-11-072-512-1149	Sequence 1149, Ap
c 15	15.8	79.0	4215	8	US-10-750-185-59914	Sequence 59914, A
c 16	15.8	79.0	4215	8	US-10-750-623-59914	Sequence 59914, A
c 17	15.8	79.0	36360	8	US-10-995-561-13498	Sequence 13498, A
c 18	15.8	79.0	241805	8	US-10-995-561-13215	Sequence 13215, A
c 19	15.4	77.0	19	10	US-11-101-244-1173217	Sequence 1173217,
c 20	15.4	77.0	19	11	US-11-083-784-1173217	Sequence 1173217,
c 21	15.4	77.0	575	6	US-09-925-065A-837536	Sequence 837536,
c 22	15.4	77.0	23	8	US-10-750-185-28384	Sequence 28384, A
c 23	15.4	77.0	1830	8	US-10-750-623-28384	Sequence 28384, A
c 24	15.4	77.0	3352	9	US-11-072-512-73	Sequence 73, Appl
c 25	15.2	76.0	23	8	US-10-310-914A-98359	Sequence 98359,
c 26	15.2	76.0	575	6	US-09-925-065A-845878	Sequence 845878, A
c 27	15.2	76.0	204	6	US-09-925-065A-845879	Sequence 845879,
c 28	15.2	76.0	294	6	US-09-925-065A-387019	Sequence 387019,
c 29	15.2	76.0	327	6	US-09-925-065A-387020	Sequence 387020,
c 30	15.2	76.0	1811	8	US-10-750-185-136388	Sequence 136388,
c 31	15.2	76.0	1811	6	US-09-925-065A-136389	Sequence 136389,
c 32	15.2	76.0	270	6	US-09-925-065A-425074	Sequence 425074, A
c 33	15.2	76.0	270	6	US-09-925-065A-739685	Sequence 739685,
c 34	15.2	76.0	419	6	US-09-925-065A-847742	Sequence 847742,
c 35	15.2	76.0	520	8	US-10-750-623-3999	Sequence 3999, Ap
c 36	15.2	76.0	536	6	US-09-925-065A-602261	Sequence 602261,
c 37	15.2	76.0	539	6	US-09-925-065A-535462	Sequence 535462,
c 38	15.2	76.0	542	6	US-09-925-065A-535463	Sequence 535463,
c 39	15.2	76.0	542	6	US-09-925-065A-535464	Sequence 535464,
c 40	15.2	76.0	570	6	US-09-925-065A-84776	Sequence 84776, A
c 41	15.2	76.0	570	6	US-09-925-065A-84777	Sequence 84777, A
c 42	15.2	76.0	581	6	US-09-925-065A-84063	Sequence 84063, A
c 43	15.2	76.0	586	6	US-09-925-065A-725768	Sequence 725768,
c 44	15.2	76.0	603	12	US-11-120-351A-2	Sequence 2, Appli
c 45	15.2	76.0	606	12	US-11-186-204-25	Sequence 25, Appl
c 46	15.2	76.0	606	12	US-11-120-351A-1	Sequence 1, Appli
c 47	15.2	76.0	619	8	US-10-501-035-181	Sequence 181, Appl
c 48	15.2	76.0	620	12	US-11-169-041-34	Sequence 34, Appl
c 49	15.2	76.0	641	8	US-10-996-501-87	Sequence 87, Appl
c 50	15.2	76.0	641	9	US-11-116-881A-1376	Sequence 1376,
c 51	15.2	76.0	819	8	US-10-932-182A-6190	Sequence 6190, Ap
c 52	15.2	76.0	846	8	US-10-932-182A-6190	Sequence 6190, Ap
c 53	15.2	76.0	901	8	US-10-750-623-54744	Sequence 54744, A
c 54	15	75.0	901	8	US-10-467-657-5369	Sequence 5369, Ap
c 55	15	75.0	1299	8	US-10-467-657-5383	Sequence 5383, Ap
c 56	15	75.0	1370	8	US-10-467-657-6253	Sequence 6253, Ap
c 57	14.8	74.0	1370	8	US-10-750-185-59701	Sequence 59701, A
c 58	14.8	74.0	1408	8	US-10-750-623-59701	Sequence 59701, A
c 59	14.8	74.0	1408	6	US-09-925-065A-680358	Sequence 680358,
c 60	14.8	74.0	1548	8	US-10-750-185-62986	Sequence 62986, A
c 61	14.8	74.0	1548	8	US-10-750-623-62986	Sequence 62986, A
c 62	14.8	74.0	1560	8	US-10-750-185-26655	Sequence 26655, A
c 63	14.8	74.0	1596	8	US-10-750-623-26655	Sequence 26655, A
c 64	14.8	74.0	1596	8	US-10-932-182A-2525	Sequence 2525, Ap
c 65	14.8	74.0	1624	8	US-10-932-182A-2525	Sequence 2525, Ap
c 66	14.8	74.0	1624	6	US-09-925-065A-721788	Sequence 721788,
c 67	14.8	74.0	1695	8	US-10-750-185-37186	Sequence 37186, A
c 68	14.8	74.0	1695	8	US-10-750-623-37186	Sequence 37186, A
c 69	14.8	74.0	1695	8	US-10-750-185-38482	Sequence 38482, A
c 70	14.8	74.0		8	US-10-750-623-38482	Sequence 38482, A
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c 72	14.8	74.0		8	US-10-750-185-43295	Sequence 43295, A
c 73	14.8	74.0		8	US-10-750-623-43295	Sequence 43295, A

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c	94	14.8	74.0	1747	8	US-10-750-185-32151	Sequence 32151, A
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c	96	14.8	74.0	1755	8	US-10-750-185-25200	Sequence 25200, A
c	97	14.8	74.0	1755	8	US-10-750-623-25200	Sequence 25200, A
c	98	14.8	74.0	1756	8	US-10-750-185-64430	Sequence 64430, A
c	99	14.8	74.0	1756	8	US-10-750-623-64430	Sequence 64430, A
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c	102	14.8	74.0	1843	9	US-11-096-568A-18942	Sequence 18942, A
c	103	14.8	74.0	1854	8	US-10-750-185-61636	Sequence 61636, A
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c	106	14.8	74.0	2236	9	US-11-072-512-663	Sequence 663, App
c	107	14.8	74.0	3457	8	US-10-750-185-50627	Sequence 50627, A
c	108	14.8	74.0	3457	8	US-10-750-623-50627	Sequence 50627, A
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c	110	14.8	74.0	4665	12	US-11-136-527-3309	Sequence 3309, Ap
c	111	14.8	74.0	4758	7	US-10-330-773-577	Sequence 577, App
c	112	14.8	74.0	7000	7	US-10-330-773-574	Sequence 574, App
c	113	14.8	72.0	10259	12	US-11-136-527-2837	Sequence 2837, Ap
c	114	14.8	74.0	86950	6	US-10-857-780-5	Sequence 5, Appli
c	115	14.8	74.0	90616	7	US-10-330-773-573	Sequence 573, App
c	116	14.8	74.0	106130	7	US-10-330-773-576	Sequence 576, App
c	117	14.8	74.0	127722	7	US-10-330-773-278	Sequence 278, App
c	118	14.8	74.0	150038	12	US-11-121-086-23	Sequence 23, Appl
c	119	14.8	74.0	176760	12	US-11-121-086-51	Sequence 51, Appl
c	120	14.4	72.0	350	12	US-11-128-061-3567	Sequence 3567, Ap
c	121	14.4	72.0	350	12	US-11-128-061-7209	Sequence 7209, Ap
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c	125	14.4	72.0	387	6	US-09-925-065A-656309	Sequence 656309,
c	126	14.4	72.0	507	6	US-09-925-065A-533489	Sequence 533489,
c	127	14.4	72.0	507	6	US-09-925-065A-533490	Sequence 533490,
c	128	14.4	72.0	582	6	US-09-925-065A-439092	Sequence 439092,
c	129	14.4	72.0	607	6	US-09-925-065A-478416	Sequence 478416,
c	130	14.4	72.0	607	6	US-09-925-065A-478417	Sequence 478417,
c	131	14.4	72.0	607	6	US-09-925-065A-478418	Sequence 478418,
c	132	14.4	72.0	683	8	US-10-750-185-44062	Sequence 44062, A
c	133	14.4	72.0	683	8	US-10-750-623-44062	Sequence 44062, A
c	134	14.4	72.0	684	8	US-10-750-185-43498	Sequence 43498, A
c	135	14.4	72.0	684	8	US-10-750-623-43498	Sequence 43498, A
c	136	14.4	72.0	716	6	US-09-925-065A-81438	Sequence 81438, A
c	137	14.4	72.0	716	6	US-09-925-065A-81439	Sequence 81439, A
c	138	14.4	72.0	716	6	US-09-925-065A-81440	Sequence 81440, A
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c	141	14.4	72.0	977	8	US-10-750-185-54435	Sequence 54435, A
c	142	14.4	72.0	977	8	US-10-750-623-54435	Sequence 54435, A
c	143	14.4	72.0	1112	8	US-10-750-623-47952	Sequence 47952, A
c	144	14.4	72.0	1112	8	US-10-750-185-47952	Sequence 47952, A
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c	146	14.4	72.0	1160	8	US-10-750-623-28236	Sequence 28236, A
c	147	14.4	72.0	1160	8	US-10-750-185-28236	Sequence 28236, A
c	148	14.4	72.0	1215	8	US-10-750-623-25138	Sequence 25138, A
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c	150	14.4	72.0	1239	9	US-11-096-568A-1312	Sequence 1312, Ap
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c	152	14.4	72.0	1269	8	US-10-750-623-26929	Sequence 26929, A
c	153	14.4	72.0	1452	8	US-10-750-623-53984	Sequence 53984, A
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c	155	14.4	72.0	1470	8	US-10-750-185-28555	Sequence 28555, A
c	156	14.4	72.0	1470	8	US-10-750-623-28555	Sequence 28555, A
c	157	14.4	72.0	1489	8	US-10-750-185-26565	Sequence 26565, A
c	158	14.4	72.0	1489	8	US-10-750-623-26565	Sequence 26565, A
c	159	14.4	72.0	1507	8	US-10-750-185-25922	Sequence 25922, A
c	160	14.4	72.0	1507	8	US-10-750-623-25922	Sequence 25922, A
c	161	14.4	72.0	1554	8	US-10-750-185-31933	Sequence 31933, A
c	162	14.4	72.0	1554	8	US-10-750-623-31933	Sequence 31933, A
c	163	14.4	72.0	1560	8	US-10-750-185-34917	Sequence 34917, A
c	164	14.4	72.0	1560	8	US-10-750-623-34917	Sequence 34917, A
c	165	14.4	72.0	1602	8	US-10-750-185-54416	Sequence 54416, A
c	166	14.4	72.0	1602	8	US-10-750-623-54416	Sequence 54416, A

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c	167	14.4	72.0	1701	8	US-10-750-185-48569	Sequence 48569, A
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c	169	14.4	72.0	1742	8	US-10-750-623-29091	Sequence 29091, A
c	170	14.4	72.0	1742	8	US-10-750-185-29091	Sequence 29091, A
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c	172	14.4	72.0	1982	8	US-10-750-185-26704	Sequence 26704, A
c	173	14.4	72.0	2084	8	US-10-750-185-36734	Sequence 36734, A
c	174	14.4	72.0	2084	8	US-10-750-623-36734	Sequence 36734, A
c	175	14.4	72.0	2121	8	US-10-750-623-53288	Sequence 53288, A
c	176	14.4	72.0	2121	8	US-10-750-185-53288	Sequence 53288, A
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c	189	14.4	72.0	3148	8	US-10-750-623-42213	Sequence 42213, A
c	190	14.4	72.0	3148	8	US-10-750-185-42213	Sequence 42213, A
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c	192	14.4	72.0	3223	8	US-10-750-623-46677	Sequence 46677, A
c	193	14.4	72.0	3507	8	US-10-750-623-32056	Sequence 32056, A
c	194	14.4	72.0	3507	8	US-10-750-185-32056	Sequence 32056, A
c	195	14.4	72.0	3543	8	US-10-750-185-53670	Sequence 53670, A
c	196	14.4	72.0	3543	8	US-10-750-623-53670	Sequence 53670, A
c	197	14.4	72.0	4841	8	US-10-750-185-53007	Sequence 53007, A
c	198	14.4	72.0	4841	8	US-10-750-623-53007	Sequence 53007, A
c	199	14.4	72.0	5326	8	US-10-750-623-53482	Sequence 53482, A
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c	202	14.4	72.0	134499	12	US-11-117-187-192	Sequence 192, App
c	203	14.4	72.0	179777	12	US-11-121-086-106	Sequence 106, App
c	204	14.4	72.0	186442	12	US-11-121-086-104	Sequence 104, App
c	205	14.2	71.0	24	8	US-10-310-914A-1001818	Sequence 1001818,
c	206	14.2	71.0	25	8	US-10-775-169-4526	Sequence 4526, Ap
c	207	14.2	71.0	25	8	US-09-925-065A-68686	Sequence 68686, A
c	208	14.2	71.0	25	12	US-11-136-527-68686	Sequence 68686, A
c	209	14.2	71.0	25	12	US-11-136-527-267230	Sequence 267230,
c	210	14.2	71.0	25	12	US-11-136-527-267243	Sequence 267243,
c	211	14.2	71.0	200	12	US-11-098-686-982	Sequence 982, App
c	212	14.2	71.0	289	6	US-09-925-065A-238920	Sequence 238920,
c	213	14.2	71.0	315	6	US-09-925-065A-501609	Sequence 501609,
c	214	14.2	71.0	395	6	US-09-925-065A-222354	Sequence 222354,
c	215	14.2	71.0	442	12	US-11-128-061-3129	Sequence 3129, Ap
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c	222	14.2	71.0	469	6	US-09-925-065A-265438	Sequence 265438,
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c	228	14.2	71.0	488	6	US-09-925-065A-844496	Sequence 844496,
c	229	14.2	71.0	489	6	US-09-925-065A-784633	Sequence 784633,
c	230	14.2	71.0	505	9	US-11-021-492-15	Sequence 15, Appl
c	231	14.2	71.0	509	6	US-09-925-065A-16515	Sequence 16515, A
c	232	14.2	71.0	509	6	US-09-925-065A-164841	Sequence 164841,
c	233	14.2	71.0	509	6	US-09-925-065A-164842	Sequence 164842,
c	234	14.2	71.0	516	6	US-09-925-065A-255700	Sequence 255700,
c	235	14.2	71.0	521	6	US-09-925-065A-328442	Sequence 328442,
c	236	14.2	71.0	526	6	US-09-925-065A-761437	Sequence 761437,
c	237	14.2	71.0	526	6	US-09-925-065A-829942	Sequence 829942,
c	238	14.2	71.0	528	6	US-09-925-065A-571428	Sequence 571428,
c	239	14.2	71.0	529	6	US-09-925-065A-761889	Sequence 761889,

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OM nucleic - nucleic search, using sw model

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(without alignments)
1497.594 Million cell updates/sec

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Gapop 10.0 , Gapext 1.0

Searched: 5883141 seqs, 2842172725653 residues

Total number of hits satisfying chosen parameters: 11766282

Minimum DB seq length: 0
Maximum DB seq length: 200000000

Post-processing: Minimum Match 0% Maximum Match 100%
Listing first 500 summaries

Database :
       GenEmbl:*
    1: gb_ba:*
    2: gb_in:*
    3: gb_env:*
    4: gb_om:*
    5: gb_ov:*
    6: gb_pat:*
    7: gb_ph:*
    8: gb_pr:*
    9: gb_ro:*
   10: gb_sts:*
   11: gb_sy:*
   12: gb_un:*
   13: gb_vi:*
   14: gb_htg:*
   15: gb_pl:*

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.		Score	% Query Match	Length	DB	ID	Description
1	c	30	100.0	364	6	BD024016	BD024016 Sequence
2		30	100.0	364	6	AX884406	AX884406 Sequence
3	c	30	100.0	1253	6	AX780260	AX780260 Sequence
4		30	100.0	2011	8	BC012099	BC012099 Homo sapi
5	c	30	100.0	2016	8	U03274	U03274 Homo sapien
6		30	100.0	12990	8	HSBTDSS2	HSBTDSS2
7	c	30	100.0	147123	14	AF016631	AF016631 Homo sapi
8	c	30	100.0	192031	8	AC027030	AC027030 Homo sapi
9	c	30	100.0	199288	8	AC027129	AC027129 Homo sapi
10		30	100.0	1914	9	AC090950	AC090950 Homo sapi
11		24.2	80.7	158760	9	BC024051	BC024051 Mus muscu
12		24.2	80.7	216410	9	AC120375	AC120375 Mus muscu
13		24.2	77.3	1999	9	AC109509	AC109509 Mus muscu
14		23.2	77.3	23094	14	BC090017	BC090017 Rattus no
15	c	23.2	77.3	125055	8	AC134131	AC134131 Rattus no
16	c	22	73.3	146877	14	AL020068	AL020068 Human DNA
17		22	73.3	175696	14	AC026487	AC026487 Homo sapi
18		22	73.3	202768	14	AC165317	AC165317 Mus muscu
19		22	73.3	207051	14	AC110030	AC110030 Mus muscu
20		22	73.3	207846	9	AC133645	AC133645 Mus muscu
21		21.8	73.3	215962	5	AC010615	AC010615 Homo sapi
22	c	21.8	72.7	143212	14	BX682238	BX682238 Zebrafish
23		21.6				AC159091	AC159091 Mus muscu
24	c	21.6	72.0	65063	9	AC107258	AC107258 Rattus no
25		21.6	72.0	208078	14	AC097439	AC097439 Rattus no
26	c	21.2	72.0	221040	14	AC146874	AC146874 Xenopus t
27		21.2	70.7	148548	5	AC923366	AC923366 Homo sapi
28		21.2	70.7	158230	8	AC008873	AC008873 Homo sapi
29		21.2	70.7	170358	14	AC016581	AC016581 Homo sapi
30	c	21.2	70.7	186985	14	AC154307	AC154307 Mus muscu
31		21.2	70.7	56593	14	AC104379	AC104379 Homo sapi
32	c	21	70.0	129332	8	AL590028	AL590028 Human DNA
33	c	21	70.0	160708	14	AC068406	AC068406 Homo sapi
34	c	21	70.0	161486	14	AL590008	AL590008 Homo sapi
35	c	21	70.0	163603	14	AC026755	AC026755 Homo sapi
36		21	69.3	170668	14	AC104012	AC104012 Homo sapi
37		20.8	69.3	153673	5	CR376832	CR376832 Zebrafish
38		20.8	69.3	157148	5	CR388093	CR388093 Zebrafish
39	c	20.8	69.3	246115	14	CR376832	CR376832 Danio rer
40	c	20.6	68.7	343	14	AC157837	AC157837 Otolemur
41	c	20.6	68.7	153856	10	AB134850	AB134850 Homo sapi
42		20.6	68.7	83373	5	BX284635	BX284635 Zebrafish
43		20.6	68.7	92669	8	HSJ687F11	HSJ687F11 Human DNA
44		20.6	68.7	126586	8	HSJ806M20	HSJ806M20 Human DNA
45	c	20.6	68.7	130753	4	AC148202	AC148202 Carollia
46		20.6	68.7	179786	9	AL928925	AL928925 Mouse DNA
47		20.6	68.7	145382	9	AC093405	AC093405 Lemur cat
48		20.6	68.7	150377	14	AC150487	AC150487 Bos tauru
49		20.6	68.7	157229	14	AC144709	AC144709 Human DNA
50		20.6	68.7	161797	8	AP005209	AP005209 Homo sapi
51		20.6	68.7	173657	14	AP001014	AP001014 Homo sapi
52	c	20.6	68.7	174409	14	AC010788	AC010788 Homo sapi
53		20.6	68.7	177223	8	AC009890	AC009890 Genomic S
54	c	20.6	68.7	179786	9	AP001015	AP001015 Homo sapi
55		20.6	68.7	180809	9	AC117698	AC117698 Mus muscu
56		20.6	68.7	185723	14	AC119118	AC119118 Rattus no
57		20.6	68.7	188940	5	BX572622	BX572622 Zebrafish
58		20.6	68.7	206930	9	AC113533	AC113533 Mus muscu
59		20.6	68.7	232085	14	AC096382	AC096382 Rattus no
60		20.6	68.7	252009	14	AC119318	AC119318 Rattus no
61		20.6	68.7	256049	14	AC098046	AC098046 Rattus no
62		20.6	68.7	289369	14	BX842563	BX842563 Mus muscu
63		20.4	68.0	744	10	BV607282	BV607282 S21P6860
64		20.4	68.0	77001	8	AL513013	AL513013 Human DNA
65		20.4	68.0	80662	8	AL645929	AL645929 Human DNA
66		20.4	68.0	89690	14	AC140936	AC140936 Gallus ga
67	c	20.4	68.0	1100000	8	BA000041_15	Continuation (16 o
68		20.4	68.0	1100000	8	BA000041_16	Continuation (17 o
69	c	20.4	68.0	151059	14	AC092997	AC092997 Homo sapi
70	c	20.4	68.0	153264	14	AC135216	AC135216 Bos tauru
71	c	20.4	68.0	173251	9	AL672254	AL672254 Mouse DNA
72	c	20.4	68.0	174024	14	AC021143	AC021143 Homo sapi
73	c	20.4	68.0	177483	8	AP003124	AP003124 Homo sapi
74	c	20.4	68.0	177882	8	AP000722	AP000722 Homo sapi
75	c	20.4	68.0	199027	14	AC026611	AC026611 Homo sapi
76		20.4	68.0	216336	14	AC125736	AC125736 Rattus no
77		20.4	68.0	216447	14	AC133122	AC133122 Rattus no
78	c	20.4	68.0	229563	14	AC095279	AC095279 Rattus no
79		20.2	68.0	245828	14	AC098403	AC098403 Rattus no
80	c	20.2	67.3	626	10	BV163950	BV163950 RPAMMSEQ0
81		20.2	67.3	16888	8	AC004173	AC004173 Homo sapi
82		20.2	67.3	51649	8	BX927182	BX927182 Human DNA
83		20.2	67.3	64330	14	AC100926	AC100926 Mus muscu
84		20.2	67.3	88654	8	CR788234	CR788234 Human DNA
85		20.2	67.3	88412	6	CR759769	CR759769 Human DNA
86	c	20.2	67.3	89756	6	CQ870162	CQ870162 Sequence
87	c	20.2	67.3	108566	6	CQ870224	CQ870224 Sequence
88	c	20.2	67.3	110000	8	BA000025_21	Continuation (22 o
89	c	20.2	67.3	110000	8	BA000025_21	Continuation (21 o
90	c	20.2	67.3	110000	8	BA000041_16	Continuation (17 o
91		20.2	67.3	114455	8	CR925767	CR925767 Human DNA
	c	20.2	67.3	115133	8	AB023058	AB023058 Homo sapi
		20.2	67.3		8	AL669813	AL669813 Human DNA

c	#	A	B	C	D	Accession	Description
c	92	20.2	67.3	119030	8	AL844851	AL844851 Human DNA
c	93	20.2	67.3	123768	8	AL645939	AL645939 Human DNA
c	94	20.2	67.3	130934	8	BX005428	BX005428 Human DNA
c	95	20.2	67.3	148834	8	HS377H14	HS377H14 Human DNA
c	96	20.2	67.3	156295	5	BX000703	BX000703 Zebrafish
c	97	20.2	67.3	165740	9	AC122473	AC122473 Mus muscu
c	98	20.2	67.3	174419	14	AC074040	AC074040 Mus muscu
c	99	20.2	67.3	181487	9	CR938719	CR938719 Homo sapi
c	100	20.2	67.3	183322	9	AC112990	AC112990 Homo sapi
c	101	20.2	67.3	183906	9	AC124703	AC124703 Mus muscu
c	102	20.2	67.3	199317	14	AC148364	AC148364 Mus muscu
c	103	20.2	67.3	216888	9	AC132452	AC132452 Mus muscu
c	104	20.2	67.3	238483	14	AC132177	AC132177 Rattus no
c	105	20.2	67.3	255476	14	AC113674	AC113674 Rattus no
c	106	20.2	67.3	271704	14	AC111375	AC111375 Rattus no
c	107	20.2	67.3	296706	14	CR759751	CR759751 Danio rer
c	108	20.2	67.3	319486	9	AF055066	AF055066 Homo sapi
c	109	20.2	67.3	349980	6	CS039414	CS039414 Sequence
c	110	20	66.7	64809	9	CS039414	CS039414 Sequence
c	111	20	66.7	10000	1	AC133425	AC133425 Rattus no
c	112	20	66.7	152958	9		Continuation (2 of
c	113	20	66.7	157572	14	AC149092	AC149092 Pan trogl
c	114	20	66.7	161841	14	AC118704	AC118704 Rattus no
c	115	20	66.7	178105	8	AC119369	AC119369 Rattus no
c	116	20	66.7	192264	14	AC133113	AC133113 Rattus no
c	117	20	66.7	196443	9	AC103568	AC103568 Rattus no
c	118	20	66.7	196487	14	AC123128	AC123128 Rattus no
c	119	20	66.7	197574	14	AC115778	AC115778 Mus muscu
c	120	20	66.7	219714	14	AC148935	AC148935 Pan trogl
c	121	20	66.7	234063	14	AC096601	AC096601 Rattus no
c	122	20	66.7	234778	14	AC147457	AC147457 Fels cat
c	123	20	66.7	240690	14	AC127981	AC127981 Rattus no
c	124	20	66.7	240743	14	AC158353	AC158353 Mus muscu
c	125	20	66.7	258549	14	AC073057	AC073057 Homo sapi
c	126	20	66.7	271489	14	AC113060	AC113060 Mus muscu
c	127	20	66.7	130795	9	AC138671	AC138671 Mus muscu
c	128	19.8	66.0	162098	14	AC034299	AC034299 Homo sapi
c	129	19.8	66.0	165860	14	AC019032	AC019032 Homo sapi
c	130	19.8	66.0	201274	14	BX927343	BX927343 Danio rer
c	131	19.8	66.0	218059	8	AC129335	AC129335 Mus muscu
c	132	19.8	66.0	232322	14	AC153019	AC153019 Mus muscu
c	133	19.8	66.0	1790	5	AC164020	AC164020 Bos tauru
c	134	20	66.0	43475	8	BC074370	BC074370 Xenopus l
c	135	19.6	65.3	61923	8	CQ868619	CQ868619 Sequence
c	136	19.6	65.3	86571	5	AC108139	AC108139 Homo sapi
c	137	19.6	65.3	98151	8	AC151463	AC151463 Xenopus t
c	138	19.6	65.3	142638	14	AL359543	AL359543 Human DNA
c	139	19.6	65.3	155150	8	AC153106	AC153106 Loxodonta
c	140	19.6	65.3	155661	8	AC015542	AC015542 Homo sapi
c	141	19.6	65.3	156542	8	HS399M14	HS399M14 Human DNA
c	142	19.6	65.3	163642	8	AL158206	AL158206 Human DNA
c	143	19.6	65.3	164655	14	AC080134	AC080134 Homo sapi
c	144	19.6	65.3	177578	8	AC018855	AC018855 Homo sapi
c	145	19.6	65.3	184558	14	AL583893	AL583893 Mouse DNA
c	146	19.6	65.3	186224	8	AC105901	AC105901 Homo sapi
c	147	19.6	65.3	196155	5	BX247882	BX247882 Zebrafish
c	148	19.6	65.3	197126	14	AC164398	AC164398 Mus muscu
c	149	19.6	65.3	198089	14	AC157345	AC157345 Bos tauru
c	150	19.6	65.3	199239	14	AC093370	AC093370 Mus muscu
c	151	19.6	65.3	205227	9	AC107739	AC107739 Mus muscu
c	152	19.6	65.3	208764	14	AC093320	AC093320 Rattus no
c	153	19.6	65.3	209782	14	AL603905	AL603905 Mouse DNA
c	154	19.6	65.3	217281	9	AC087867	AC087867 Genomic s
c	155	19.6	65.3	218398	14	AC126960	AC126960 Rattus no
c	156	19.6	65.3	218872	14	AC092434	AC092434 Homo sapi
c	157	19.6	65.3	219679	14	AC109451	AC109451 Homo sapi
c	158	19.6	65.3	221381	14	AC131395	AC131395 Rattus no
c	159	19.6	65.3	222090	14	AC098952	AC098952 Rattus no
c	160	19.6	65.3	230375	14	BX530069	BX530069 Zebrafish
c	161	19.6	65.3	231750	14	BX908759	BX908759 Danio rer
c	162	19.6	65.3	237282	9	AC097971	AC097971 Rattus no
c	163	19.6	65.3	244018	14	AL772371	AL772371 Mouse DNA
c	164	19.6	65.3	345200	14	AC112883	AC112883 Rattus no
						AC156056	AC156056 Bos taurus

c	#	A	B	C	D	Accession	Description
	165	19.4	64.7	385	1	K01490	K01490 E.coli mel
	166	19.4	64.7	526	4	AF241829	AF241829 Ovis arie
	167	19.4	64.7	570	10	BV380655	BV380655 S245P6175
	168	19.4	64.7	807	6	CQ743686	CQ743686 Sequence
	169	19.4	64.7	876	6	CQ722999	CQ722999 Sequence
	170	19.4	64.7	1835	1	ECMELA	ECMELA Leptospir
	171	19.4	64.7	11491	1	AE011584	AE011584 E.coli mel
c	172	19.4	64.7	49306	8	AC022237	AC022237 Homo sapi
c	173	19.4	64.7	52838	14	AC100034	AC100034 Mus muscu
c	174	19.4	64.7	53838	8	AC105918	AC105918 Homo sapi
	175	19.4	64.7	58408	1	AE017300_3	AE017300_3 Continuation (4 of
c	176	19.4	64.7	63621	14	AL590867	AL590867 Human DNA
c	177	19.4	64.7	81463	14	AC166919	AC166919 Bos tauru
c	178	19.4	64.7	86514	8	AL136117	AL136117 Human DNA
c	179	19.4	64.7	93778	8	AC016999	AC016999 Homo sapi
c	180	19.4	64.7	93822	9	AL929537	AL929537 Mouse DNA
c	181	19.4	64.7	1109027	9	AL732566	AL732566 Mouse DNA
	182	19.4	64.7	1100000	1	AE005674_52	AE005674_52 Continuation (53 o
c	183	19.4	64.7	1115967	14	AL450323	AL450323 Mus muscu
c	184	19.4	64.7	1119874	8	AC002112	AC002112 Genomic s
c	185	19.4	64.7	1119915	8	AL590096	AL590096 Human DNA
c	186	19.4	64.7	1124578	8	AC133124	AC133124 Homo sapi
c	187	19.4	64.7	1131999	15	AP004078	AP004078 Oryza sat
c	188	19.4	64.7	1134286	8	AP004078	AP004078 Oryza sat
c	189	19.4	64.7	1100015	15	AL606528	AL606528 Homo sapi
c	190	19.4	64.7	1110000	1	AP005015	AP005015 Homo sapi
c	191	19.4	64.7	1115967	14	AC025771	AC025771 Homo sapi
c	192	19.4	64.7	1119874	8	AC102359	AC102359 Mus muscu
c	193	19.4	64.7	1119915	8	AC026723	AC026723 Homo sapi
c	194	19.4	64.7	1124578	8	AP004078	AP004078 Oryza sat
c	195	19.4	64.7	1131999	15	AL137788	AL137788 Homo sapi
c	196	19.4	64.7	1157367	14	AL137788	AL137788 Homo sapi
c	197	19.4	64.7	1164271	14	AC007394	AC007394 Homo sapi
c	198	19.4	64.7	1141444	8	AF404777	AF404777 Homo sapi
c	199	19.4	64.7	1134286	8	AC107890	AC107890 Homo sapi
c	200	19.4	64.7	1150462	15	AC024589	AC024589 Homo sapi
c	201	19.4	64.7	1150090	14	AC069227	AC069227 Homo sapi
c	202	19.4	64.7	1155216	8	AC149615	AC149615 Homo sapi
c	203	19.4	64.7	1155216	8	AC141275	AC141275 Homo sapi
c	204	19.4	64.7	1153367	14	AC141313	AC141313 Homo sapi
c	205	19.4	64.7	1164271	14	AC084769	AC084769 Homo sapi
c	206	19.4	64.7	1166225	15	AC084769	AC084769 Homo sapi
c	207	19.4	64.7	1167125	9	AL365448	AL365448 Mus muscu
c	208	19.4	64.7	1171266	8	AL954354	AL954354 Mus muscu
c	209	19.4	64.7	1170272	8	AC011973	AC011973 Homo sapi
c	210	19.4	64.7	1171578	8	AC022358	AC022358 Homo sapi
c	211	19.4	64.7	1171266	8	AC154318	AC154318 Mus muscu
c	212	19.4	64.7	1171468	8	AC148615	AC148615 Ictalurus
c	213	19.4	64.7	1171955	14	AL137019	AL137019 Human DNA
c	214	19.4	64.7	1172990	14	AC079738	AC079738 Homo sapi
c	215	19.4	64.7	1175072	14	AC161451	AC161451 Homo sapi
c	216	19.4	64.7	1176391	8	AC011255	AC011255 Homo sapi
c	217	19.4	64.7	1176363	8	BX323809	BX323809 Zebrafish
c	218	19.4	64.7	1181542	14	AC121651	AC121651 Rattus no
c	219	19.4	64.7	1185680	14	AC067903	AC067903 Homo sapi
c	220	19.4	64.7	1190621	14	BX295533	BX295533 Zebrafish
c	221	19.4	64.7	1194108	14	AC024914	AC024914 Homo sapi
c	222	19.4	64.7	1197434	9	AL593857	AL593857 Mouse DNA
c	223	19.4	64.7	1198410	8	AL599820	AL599820 Mouse DNA
c	224	19.4	64.7	1200047	5	AC123263	AC123263 Rattus no
c	225	19.4	64.7	1205922	9	AC121599	AC121599 Mus muscu
c	226	19.4	64.7	1206452	9	AC121599	AC121599 Mus muscu
c	227	19.4	64.7	1215017	9	AL134632	AL134632 Rattus no
c	228	19.4	64.7	1216422	14	AL390207	AL390207 Homo sapi
c	229	19.4	64.7	1218747	9	AC084804	AC084804 Mus muscu
c	230	19.4	64.7	1219471	14	AC094927	AC094927 Mus muscu
c	231	19.4	64.7	1219656	14	AC133378	AC133378 Rattus no
c	232	19.4	64.7	1219952	14	AC163185	AC163185 Bos tauru
c	233	19.4	64.7	1227026	14	AC125973	AC125973 Rattus no
c	234	19.4	64.7	1227567	14		
c	235	19.4	64.7	1228239	14		
c	236	19.4	64.7	1228302	14		
c	237						

OM nucleic - nucleic search, using sw model

GenCore version 5.1.7
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Run on: March 17, 2006, 19:50:39 ; Search time 557.935 Seconds
(without alignments)
358.359 Million cell updates/sec

Title: US-10-625-124-14
Perfect score: 30
Sequence: 1 tggtctgcattatgtctcggagccagaagta 30

Scoring table: IDENTITY_NUC
Gapop 10.0 ; Gapext 1.0
Searched: 4996997 seqs, 3332346308 residues

Total number of hits satisfying chosen parameters: 9993994

Minimum DB seq length: 0
Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%
Maximum Match 100%
listing first 500 summaries

Database :   N_Geneseq_21:*
1: geneseqn1980s:*
2: geneseqn1990s:*
3: geneseqn2000s:*
4: geneseqn2001as:*
5: geneseqn2001bs:*
6: geneseqn2002as:*
7: geneseqn2002bs:*
8: geneseqn2003as:*
9: geneseqn2003bs:*
10: geneseqn2003cs:*
11: geneseqn2004as:*
12: geneseqn2004ds:*
13: geneseqn2004bs:*
14: geneseqn2005s:*

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

	Result No.	Score	% Query Match	Length	DB	ID	Description
	1	30	100.0	30	13	ADU17702	ADU17702 PCR ancho
c	2	30	100.0	187	13	ACD96713	ACD96713 Human col
c	3	30	100.0	364	3	AAC00271	AAC00271 Human sec
	4	30	100.0	1253	10	ADF81861	ADF81861 Leukaemia
	5	30	100.0	2016	13	ADR24560	ADR24560 Breast ca
	6	30	100.0	2016	13	ADU17689	ADU17689 Human bio
	7	30	100.0	12990	13	ADU17691	ADU17691 Human bio
c	8	20.2	100.0	89756	13	ABD32890	ABD32890 Mouse can
c	9	20.2	67.3	108566	13	ABD32933	ABD32933 Mouse can
c	10	20.2	67.3	148834	6	ABK83570	ABK83570 Human cDN
	11	20	66.7	669	4	AAS53034	AAS53034 Enterococ
	12	19.6	65.3	60	14	ADW19460	ADW19460 Eucalyptu
	13	19.6	65.3	1763	14	ADW17935	ADW17935 Eucalyptu
	14	19.6	65.3	43475	13	ADR66985	ADR66985 Mouse can
	15	19.6	65.3	43475	14	ADz12770	ADz12770 Murine ca
	16	19.6	65.3	91	6	ABK54038	ABK54038 Human hea
	17	19.2	64.0	201	13	ADQ42107	ADQ42107 Myocardia
	18	19.2	64.0	474	4	AAI12912	AAI12912 Probe #28
	19	19.2	64.0	474	4	ABA54613	ABA54613 Human foe
	20	19.2	64.0	474	4	AAI34272	AAI34272 Probe #29
	21	19.2	64.0	474	4	ABA44164	ABA44164 Human bre
	22	19.2	64.0	474	4	AAK28346	AAK28346 Human bon
	23	19.2	64.0	474	4	ABS27945	ABS27945 Human liv
	24	19.2	64.0	474	5	AAI02831	AAI02831 Probe #28
	25	19.2	64.0	474	5	ABS02855	ABS02855 Human gen
c	26	19.2	64.0	518	4	AAI22151	AAI22151 Probe #12
	27	19.2	64.0	518	4	ABA67230	ABA67230 Human foe
	28	19.2	64.0	518	4	AAI47449	AAI47449 Probe #16
	29	19.2	64.0	518	4	ABA49319	ABA49319 Human bre
	30	19.2	64.0	518	4	AAK41405	AAK41405 Human bon
	31	19.2	64.0	518	4	ABS40998	ABS40998 Human liv
	32	19.2	64.0	518	4	AAI07852	AAI07852 Probe #78
	33	19.2	64.0	518	6	ABS15411	ABS15411 Human gen
	34	19.2	64.0	554	6	AAI44523	AAI44523 Probe #13
c	35	19.2	64.0	1154	14	AEB67473	AEB67473 Rice geno
	36	19.2	64.0	6412	2	AAT28796	AAT28796 Human cal
	37	19.2	64.0	6412	2	AAV06017	AAV06017 Human cal
	38	19.2	64.0	10437	5	AAS68713	AAS68713 DNA encod
	39	19.2	64.0	15316	11	AAT28774	AAT28774 Human SNP
	40	19.2	64.0	14042	2	AAV05995	AAV05995 Human pla
	41	19.2	64.0	14044	2	AAT28776	AAT28776 Human par
	42	19.2	64.0	14044	2	AAV05997	AAV05997 Human par
	43	19.2	64.0	14080	2	AAT28775	AAT28775 Human kid
	44	19.2	64.0	14080	2	AAV05996	AAV05996 Human kid
	45	19.2	64.0	14086	2	AAT28773	AAT28773 Human cal
	46	19.2	64.0	14086	2	AAV05994	AAV05994 Human cal
	47	19.2	64.0	14244	4	AAH57510	AAH57510 Human kid
	48	19.2	64.0	14392	8	AAS68717	AAS68717 DNA encod
	49	19.2	64.0	14392	13	ABZ34886	ABZ34886 Coding se
	50	19.2	64.0	14392	13	ADR25194	ADR25194 Breast ca
	51	19.2	64.0	14442	10	ACF91661	ACF91661 Human SIR
	52	19.2	64.0	14442	10	ADK66935	ADK66935 Gene #25
	53	19.2	64.0	15316	11	ACN91437	ACN91437 Breast ca
	54	19.2	64.0	15471	13	ADQ38406	ADQ38406 Human SNP
	55	19.2	64.0	32249	13	AAI99368	AAI99368 Human SNP
	56	19.2	64.0	32249	5	AAI63718	AAI63718 Human kid
	57	19.2	64.0	77425	5	ABK83502	ABK83502 Human CDN
	58	19	63.3	574	10	ADG37946	ADG37946 Aspergill
	59	19	63.3	698	3	AAF14759	AAF14759 Aspergill
	60	19	63.3	698	13	ADU58800	ADU58800 Aspergill
	61	19	63.3	698	14	ADZ96803	ADZ96803 Aspergill
	62	19	63.3	90401	12	ADQ97515	ADQ97515 Human can
	63	19	63.3	218802	14	ADW98820	ADW98820 Human her
	64	19	63.3	229354	4	ABQ74179	ABQ74179 Human cyt
	65	18.8	62.7	249	4	ABA73145	ABA73145 Human foe
	66	18.8	62.7	249	4	AAI53574	AAI53574 Probe #22
c	67	18.8	62.7	249	4	AAK47741	AAK47741 Human bon
c	68	18.8	62.7	249	4	AAK21580	AAK21580 Human bra
	69	18.8	62.7	249	6	ABS47470	ABS47470 Human liv
	70	18.8	62.7	249	6	ABS21769	ABS21769 Human gen
c	71	18.8	62.7	303	10	ADI22195	ADI22195 Rat liver
c	72	18.8	62.7	363	14	ADW81893	ADW81893 MAP3K9 ma
c	73	18.8	62.7	440	5	ABA12953	ABA12953 Human ner
c	74	18.8	62.7	459	6	ABN68415	ABN68415 Streptoco
	75	18.8	62.7	533	4	ABA60607	ABA60607 Human foe
	76	18.8	62.7	533	4	AAI40496	AAI40496 Probe #91
	77	18.8	62.7	533	4	AAK34776	AAK34776 Human bon
	78	18.8	62.7	533	4	AAK08889	AAK08889 Human bra
	79	18.8	62.7	533	4	ABS34543	ABS34543 Human bra
	80	18.8	62.7	533	6	ABS09337	ABS09337 Human gen
	81	18.8	62.7	556	12	ACH77020	ACH77020 Human gen
	82	18.8	62.7	1044	10	ADD44876	ADD44876 Human gen
	83	18.8	62.7	1223	10	ADI22442	ADI22442 Rat liver
c	84	18.8	62.7	1668	5	ABK90322	ABK90322 DNA encod
c	85	18.8	62.7	1900	10	ADB63729	ADB63729 Human CDN
	86	18.8	62.7	2432	6	ABS59324	ABS59324 Human zin
	87	18.8	62.7	2433	10	ADB38421	ADB38421 Human CDN
	88	18.8	62.7	2489	12	ADQ22486	ADQ22486 Human sof
	89	18.8	62.7	2684	10	ADI21878	ADI21878 Novel hum
	90	18.8	62.7	2895	10	ABS59326	ABS59326 Human ADA
	91	18.8	62.7	2895	13	ADJ38425	ADJ38425 Human CDN
	92	18.8	62.7	2902	6	ABS59325	ABS59325 Human ADA

#	c			Length	Ct	Accession	Description
93	c	18.8	62.7	2902	10	ADJ38423	Adj38423 Human cDN
94	c	18.8	62.7	2974	10	ADB62618	Adb62618 Human cDN
95	c	18.8	62.7	2997	6	ABS59323	Abs59323 Human zin
96	c	18.8	62.7	2997	6	ADJ38419	Adj38419 Human cDN
97	c	18.8	62.7	3187	13	ADS97785	Ads97785 Protein f
98	c	18.8	62.7	3227	10	ACC00343	Acc00343 Human ADA
99	c	18.8	62.7	3287	13	ADR07547	Adr07547 Full leng
100	c	18.8	62.7	3297	11	ADM02403	Adm02403 Human cDN
101	c	18.8	62.7	3675	6	AAS97174	Aas97174 Human met
102	c	18.8	62.7	3675	10	AAL43654	Aal43654 Human MDT
103	c	18.8	62.7	3675	9	ACF57047	Acf57047 Human ADA
104	c	18.8	62.7	3675	9	ADA50761	Ada50761 cDNA enco
105	c	18.8	62.7	3675	10	ADA50761	Ada50761 cDNA enco
106	c	18.8	62.7	3675	12	ACC85689	Acc85689 Human pro
107	c	18.8	62.7	3675	14	ABA98078	Aba98078 Human NHP
108	c	18.8	62.7	4042	9	ADA50763	Ada50763 Novel hum
109	c	18.8	62.7	4042	14	ABS57768	Abs57768 cDNA enco
110	c	18.8	62.7	4042	6	AEA98080	Aea98080 Human NHP
111	c	18.8	62.7	4234	6	ABK49821	Abk49821 Human CDN
112	c	18.8	62.7	4888	6	ABK86137	Abk86137 cDNA enco
113	c	18.8	62.7	4890	3	AAC43203	Aac43203 Arabidops
114	c	18.8	62.7	4902	13	ACN43153	Acn43153 Human dia
115	c	18.8	62.7	5092	2	AAQ51558	Aaq51558 Loricrin
116	c	18.8	62.7	5092	2	AAZ22073	Aaz22073 Sequence
117	c	18.8	62.7	5092	4	AAC68949	Aac68949 Polynucle
118	c	18.8	62.7	5610	10	ABK49822	Abk49822 Human CDN
119	c	18.8	62.7	6530	2	AAQ51557	Aaq51557 Loricrin
120	c	18.8	62.7	6530	2	AAQ51557	Aaq51557 Loricrin
121	c	18.8	62.7	6530	4	AAC22072	Aac22072 Nucleotid
122	c	18.8	62.7	6530	4	AAC22072	Aac22072 Nucleotid
123	c	18.8	62.7	7668	3	AAC68948	Aac68948 Mouse lor
124	c	18.8	62.7	8435	6	ABK49827	Abk49827 Plasmid p
125	c	18.8	62.7	8505	6	ABK49825	Abk49825 Plasmid p
126	c	18.8	62.7	24859	11	ABK49826	Abk49826 Plasmid p
127	c	18.8	62.7	112453	13	ACN44656	Acn44656 Mouse gen
128	c	18.8	62.7	194049	11	ABD32665	Abd32665 Human can
129	c	18.8	62.7	215221	11	ADO57462	Ado57462 DNA encod
130	c	18.6	62.0	340449	8	ADH82294	Adh82294 Enterococ
131	c	18.8	62.7	50977	13	ADA03021	Ada03021 Human RAC
132	c	18.8	62.7	447	6	ADB72759	Adb72759 Human Rac
133	c	18.8	62.7	486	5	ADC85501	Adc85501 Human Rac
134	c	18.8	62.7	668	12	ADM74616	Adm74616 Human car
135	c	18.8	62.7	690	10	ADG32253	Adg32253 DNA encod
136	c	18.8	62.7	833	10	ADG32195	Adg32195 DNA encod
137	c	18.8	62.7	833	10	AAX13045	Aax13045 Enterococ
138	c	18.8	62.7	833	8	ADB31266	Adb31266 Enterococ
139	c	18.8	62.7	1461	10	ADT92806	Adt92806 Human DGC
140	c	18.8	62.7	1483	6	ABK76294	Abk76294 Bacillus
141	c	18.8	62.7	1484	5	AAC01882	Aac01882 Human sec
142	c	18.8	62.7	1516	11	ADO57462	Ado57462 DNA encod
143	c	18.8	62.7	1779	10	ADN95655	Adn95655 Human BBC
144	c	18.8	62.7	2118	10	ADB61026	Adb61026 Human gen
145	c	18.8	62.7	2641	12	ADA31266	Ada31266 DNA encod
146	c	18.8	62.7	2644	12	ADM74616	Adm74616 Human car
147	c	18.8	62.7	5918	2	ADG32253	Adg32253 DNA encod
148	c	18.8	62.7	5918	2	ADG32195	Adg32195 DNA encod
149	c	18.8	62.7	6225	4	AAS35776	Aas35776 Human car
150	c	18.8	62.7	26225	12	ADE46470	Ade46470 Human car
151	c	18.8	62.7	26225	12	ADJ12594	Adj12594 DNA fragm
152	c	18.8	62.7	26225	13	ADJ07888	Adj07888 Human car
153	c	18.8	62.7	26933	13	ABD33416	Abd33416 Murine ca
154	c	18.8	62.7	26933	14	ADZ13427	Adz13427 Human ca
155	c	18.8	62.7	38764	9	ADA03020	Ada03020 Human RAC
156	c	18.8	62.7	38764	11	ADB72758	Adb72758 Human RAC
157	c	18.8	62.7	38764	10	ADC85500	Adc85500 Human Rac
158	c	18.8	62.7	38764	12	ADM74615	Adm74615 Human car
159	c	18.4	61.3	56495	14	ADW72230	Adw72230 Human Nij
160	c	18.4	61.3	56577	11	ACN44778	Acn44778 Human gen
161	c	18.4	61.3	57105	14	ADZ13149	Adz13149 Human can
162	c	18.4	61.3	65921	10	AAZ89046	Aaz89046 Human nlb
163	c	18.4	61.3	75798	10	ABX77212	Abx77212 Mouse uri
164	c	18.4	61.3	81656	12	ADQ97876	Adq97876 Human can
165	c	18.4	61.3	100000	6	ABQ74541	Abq74541 Human tra

#	c			Length	Ct	Accession	Description
166	c	18.4	61.3	1110000	14	AEA61120_0	Aea61120 Human IgA
167	c	18.4	61.3	200000	12	ADO47192_0	Ado47192 DNA seque
168		18.4	61.3	218155	11	ACN44114	Acn44114 Human gen
169	c	18.4	61.3	399	4	ABL25641	Abl25641 Drosophil
170	c	18.2	60.7	2826	9	ABL25640	Abl25640 Drosophil
171	c	18.2	60.7	49939	9	ADB16928	Adb16928 Murine DYX
172	c	18.2	60.7	89856	13	ABD33119	Abd33119 Human can
173	c	18.2	60.7	337022	12	ADQ59416	Adq59416 Human can
174	c	18.2	60.7	3387300	14	ADZ13691	Adz13691 Human can
175	c	18.2	60.7	41	6	ABQ79317	Abq79317 Oncogene
176	c	18	60.0	399	11	ACH97602	Ach97602 Klebsiell
177	c	18	60.0	771	4	ABA18602	Aba18602 Human ner
178	c	18	60.0	432	5	ABA18601	Aba18601 Human ner
179	c	18	60.0	459	3	AAC08555	Aac08555 Human sec
180	c	18	60.0	471	2	AAC08555	Aac08555 Human sec
181	c	18	60.0	471	2	AAV48230	Aav48230 Human int
182	c	18	60.0	471	2	AAV48229	Aav48229 Human int
183	c	18	60.0	471	2	AAV32630	Aav32630 Mutant hu
184	c	18	60.0	471	2	AAV32629	Aav32629 Mutant hu
185	c	18	60.0	471	2	AAV32631	Aav32631 Mutant hu
186	c	18	60.0	471	2	AAV32628	Aav32628 Mutant hu
187	c	18	60.0	474	14	AEB93709	Aeb93709 DNA encod
188	c	18	60.0	474	14	AEB93711	Aeb93711 DNA encod
189	c	18	60.0	479	13	ACF91122	Acf91122 Human SIR
190	c	18	60.0	540	4	AAK61900	Aak61900 Human imm
191	c	18	60.0	650	5	ADL43166	Adl43166 Human ova
192	c	18	60.0	729	4	ABA89463	Aba89463 Escherich
193	c	18	60.0	757	13	ADS00465	Ads00465 Murine EG
194	c	18	60.0	791	4	AAS28790	Aas28790 Human imm
195	c	18	60.0	791	4	ABA06639	Aba06639 Human CDN
196	c	18	60.0	791	4	ABD31515	Abd31515 Human CDN
197	c	18	60.0	791	10	ABA06399	Aba06399 Human CDN
198	c	18	60.0	1268	4	ABV83736	Abv83736 Human pol
199	c	18	60.0	1268	4	ABS51743	Abs51743 Human nov
200	c	18	60.0	1341	6	ABS51109	Abs51109 Human pol
201	c	18	60.0	1344	4	AAI85109	Aai85109 Human pol
202	c	18	60.0	1407	6	ABS51740	Abs51740 Human nov
203	c	18	60.0	1473	4	AAF81759	Aaf81759 Human nov
204	c	18	60.0	1590	6	ABS51738	Abs51738 Full leng
205	c	18	60.0	1593	6	ABS51739	Abs51739 Human nov
206	c	18	60.0	1617	5	ADM66982	Adm66982 Murine ad
207	c	18	60.0	1680	5	ADQ68032	Adq68032 Recombina
208	c	18	60.0	1726	6	AAS79268	Aas79268 DNA encod
209	c	18	60.0	1777	4	AAD32523	Aad32523 Human B7-
210	c	18	60.0	1863	6	AAS79008	Aas79008 DNA encod
211	c	18	60.0	1863	9	ABO60953	Abo60953 MGC: 1573
212	c	18	60.0	1788	10	AAK94623	Aak94623 Human ful
213	c	18	60.0	1943	12	ADJ31556	Adj31556 Full leng
214	c	18	60.0	1943	13	ABS78892	Abs78892 E. coli C
215	c	18	60.0	7890	4	ADF30700	Adf30700 Rat angio
216	c	18	60.0	11163	4	ACF25328	Acf25328 Rat pyruv
217	c	18	60.0	11788	9	ABA99851	Aba99851 Rat pyruv
218	c	18	60.0	11788	6	AAK81258	Aak81258 Human imm
219	c	18	60.0	11788	10	AAK81259	Aak81259 Human imm
220	c	18	60.0	12856	6	ABA89452	Aba89452 Escherich
221	c	18	60.0	12856	10	AAS28364	Aas28364 Genomic s
222	c	18	60.0	17499	4	AAS28363	Aas28363 Genomic s
223		18	60.0	17498	11	AAS28363	Aas28363 Genomic s
224		18	60.0	17498	11	ADG41559	Adg41559 Human res
225	c	18	60.0	25541	4	ADG41559	Adg41559 Human res
226		18	60.0	29829	11	ADI97333	Adi97333 Human res
227		18	60.0	32146	10	AAK76168	Aak76168 Human imm
228		18	60.0	32146	11	ACN44310	Acn44310 Human gen
229		18	60.0	32146	10	AAS28363	Aas28363 Genomic s
230		18	60.0	32248	9	ADG41564	Adg41564 Human res
231		18	60.0	32248	11	ADG41564	Adg41564 Human res
232		18	60.0	32248	10	ADI97338	Adi97338 Human res
233		18	60.0	34435	11	AAK76172	Aak76172 Human imm
234	c	18	60.0	100301	6	ABQ88176	Abq88176 Human ost
235	c	18	60.0	100301	12	ADQ20754	Adq20754 Human sof
236	c	18	60.0	110000	14	ADZ13675_0	Adz13675 Murine ca
237		18	60.0	142299	10	ADD50651	Add50651 BAC seque
238		18	60.0	142299	14	ADV77909	Adv77909 Human BAC

OM nucleic - nucleic search, using sw model

GenCore version 5.1.7
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Run on: March 17, 2006, 20:51:03 ; Search time 2395.76 Seconds
(without alignments)
585.873 Million cell updates/sec

Title: US-10-625-124-14
Perfect score: 30
Sequence: 1 tggtctgcattatgtctcggagccagaagta 30
Scoring table: IDENTITY_NUC
                Gapop 10.0 , Gapext 1.0
Searched: 41078325 seqs, 2339541228 residues
Total number of hits satisfying chosen parameters: 82156650
Minimum DB seq length: 0
Maximum DB seq length: 200000000
Post-processing: Minimum Match 0%
                        Maximum Match 100%
                        Listing first 500 summaries

Database :   EST:*
                1: gb_est1:*
                2: gb_est2:*
                3: gb_est3:*
                4: gb_htc:*
                5: gb_est4:*
                6: gb_est5:*
                7: gb_est6:*
                8: gb_est7:*
                9: gb_gss1:*
                10: gb_gss2:*
                11: gb_gss3:*

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	% Match	Query Length	DB	ID	Description
c 1	30	100.0	187	1	AI908770	AI908770 IL-BT189-
c 2	30	100.0	260	2	BE814713	BE814713 PM3-BN008
c 3	30	100.0	300	1	AU098915	AU098915 AU098915
4	30	100.0	387	7	CR774616	CR774616 DKFZp469D
c 5	30	100.0	434	8	T53932	T53932 yb85a06.r1
c 6	30	100.0	449	1	AW136528	AW136528 UI-H-BI1-
c 7	30	100.0	479	1	AA426104	AA426104 zu66h06.r
8	30	100.0	485	1	BP224073	BP224073 BP224073
9	30	100.0	496	2	BG747472	BG747472 602704779
10	30	100.0	530	6	CB111882	CB111882 K-EST0153
11	30	100.0	556	3	CB297181	CB297181 12B22033_
12	30	100.0	557	3	BP274875	BP274875 BP274875
13	30	100.0	559	5	BX487803	BX487803 DKFZp686D
14	30	100.0	561	5	BP241154	BP241154 BP241154
15	30	100.0	562	3	BP239399	BP239399 BP239399
16	30	100.0	562	7	CK905568	CK905568 1h26f10.y
17	30	100.0	564	1	BI761569	BI761569 603046488
18	30	100.0	572	3	AU279476	AU279476 AU279476
19	30	100.0	574	3	BP213400	BP213400 BP213400
20	30	100.0	579	3	BP212549	BP212549 BP212549
21	30	100.0	579	3	BP277224	BP277224 BP277224
22	30	100.0	580	3	BP321544	BP321544 BP321544
23	30	100.0	580	3	BP332044	BP332044 BP332044
24	30	100.0	581	3	BP250812	BP250812 BP250812
25	30	100.0	581	3	BP355711	BP355711 BP355711
26	30	100.0	582	3	BP216508	BP216508 BP216508
27	30	100.0	582	3	BP229719	BP229719 BP229719
28	30	100.0	582	3	BP255505	BP255505 BP255505
29	30	100.0	582	3	BP289331	BP289331 BP289331
30	30	100.0	582	3	BP294125	BP294125 BP294125
31	30	100.0	582	3	BP326502	BP326502 BP326502
32	30	100.0	582	3	BP355742	BP355742 BP355742
33	30	100.0	583	3	BP271460	BP271460 BP271460
34	30	100.0	583	3	BP363684	BP363684 BP363684
35	30	100.0	584	3	BP344472	BP344472 BP344472
36	30	100.0	583	3	BP358428	BP358428 BP358428
37	30	100.0	592	3	BX340297	BX340297 BX340297
38	30	100.0	593	3	BP214206	BP214206 BP214206
39	30	100.0	595	3	BM507279	BM507279 7114 Full
40	30	100.0	631	3	BI838922	BI838922 603088404
41	30	100.0	657	7	CV028566	CV028566 ih26f10.y
42	30	100.0	673	3	AL039824	AL039824 DKFZp434C
43	30	100.0	673	3	BI836119	BI836119 603085821
44	30	100.0	677	3	BM695624	BM695624 UI-E-CQ1-
45	30	100.0	686	7	CR791161	CR791161 DKFZp46900
46	30	100.0	697	3	BG769726	BG769726 602744618
47	30	100.0	697	3	BI836186	BI836186 603085721
48	30	100.0	723	3	BM840185	BM840185 K-EST0117
49	30	100.0	743	10	AG186833	AG186833 Pan trogl
50	30	100.0	773	3	AU137728	AU137728 AU137728
51	30	100.0	773	3	BM919775	BM919775 AGENCOURT
52	30	100.0	803	3	BI770329	BI770329 AGENCOURT
53	30	100.0	829	3	BI560515	BI560515 603056236
54	30	100.0	855	6	CB992557	CB992557 603254502
55	30	100.0	865	6	BI759206	BI759206 603042633
56	30	100.0	878	6	CD358893	CD358893 AGENCOURT
57	30	100.0	881	1	BI834207	BI834207 603084112
58	30	100.0	886	3	AL549312	AL549312 AGENCOURT
59	30	100.0	913	3	BX402565	BX402565 603084112
60	30	100.0	917	5	BX458352	BX458352 603084112
61	30	100.0	922	3	BX382242	BX382242 603084112
62	30	100.0	925	2	BG252311	BG252311 602365195
63	30	100.0	935	2	BG323330	BG323330 602421711
64	30	100.0	940	1	AL549778	AL549778 AGENCOURT
65	30	100.0	963	7	CO774483	CO774483 ILLUMIGEN
66	30	100.0	855	6	BQ707863	BQ707863 AGENCOURT
67	30	100.0	1003	3	BM473862	BM473862 AGENCOURT
68	30	100.0	1044	1	AL523081	AL523081 AGENCOURT
69	30	100.0	1076	3	BM473861	BM473861 AGENCOURT
70	30	100.0	1632	10	AY413610	AY413610 Homo sapi
71	30	100.0	1895	4	CR624205	CR624205 full-leng
72	29	96.7	1505	3	BP383106	BP383106 BP383106
73	28.4	94.7	546	2	BB146688	BB146688 BB146688
74	28.4	94.7	755	2	BB871868	BB871868 PM1-BN008
75	27.4	91.3	575	6	BM538987	BM538987 hb03d07.g
76	27.4	91.3	851	8	DN877934	DN877934 nae17c11.
77	27	90.0	542	6	BM839350	BM839350 K-EST0116
78	27	90.0	625	7	CN481922	CN481922 hw13g05.y
79	25.8	86.0	649	5	BY705709	BY705709 BY705709
80	25.8	86.0	1921	4	AK005506	AK005506 Mus muscu
81	25.4	84.7	352	6	BX384402	BX384402 BX384402
82	25.4	84.7	847	6	CA467413	CA467413 AGENCOURT
83	24.2	80.7	176	2	BB563778	BB563778 BB563778
84	24.2	80.7	245	2	BB598721	BB598721 BB598721
85	24.2	80.7	326	5	BY780619	BY780619 BY780619
86	24.2	80.7	356	5	BY320981	BY320981 BY320981
87	24.2	80.7	362	5	BY162679	BY162679 BY162679
88	24.2	80.7	370	5	BY311396	BY311396 BY311396
89	24.2	80.7	371	5	BY172927	BY172927 BY172927
90	24.2	80.7	375	5	BY169538	BY169538 BY169538
91	24.2	80.7	375	5	BY168501	BY168501 BY168501
92	24.2	80.7	384	10	CG512622	CG512622 OST65623
93	24.2	80.7	385	5	BY156852	BY156852 BY156852
94	24.2	80.7	387	5	BY035831	BY035831 BY035831
95	24.2	80.7	402	5	BY156578	BY156578 BY156578

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c	96	24.2	80.7	408	1	AI528423	AI528423 ui97c06.Y
c	97	24.2	80.7	411	5	BY238371	BY238371
c	98	24.2	80.7	445	2	BB858809	BB858809
c	99	24.2	80.7	517835		CG517835	CG517835 OST78685
c	100	24.2	80.7	457	5	BY152173	BY152173
c	101	24.2	80.7	459	5	BY242159	BY242159
c	102	24.2	80.7	496	10	BB866820	BB866820
c	103	24.2	80.7	500	10	CG651434	CG651434 OST412536
c	104	24.2	80.7	501	1	AA388594	AA388594 vc89a10.r
c	105	24.2	80.7	539	1	AA388593	AA388593 vc89a09.r
c	106	24.2	80.7	580	1	BI144434	BI144434
c	107	24.2	80.7	600	3	BI990360	BI990360 4064-28 M
c	108	24.2	80.7	609	2	AU067290	AU067290 602008588
c	109	24.2	80.7	640	6	BY744241	BY744241
c	110	24.2	80.7	699	8	DN174861	DN174861 NMB04135
c	111	24.2	80.7	707	1	AW475533	AW475533 un68a06.Y
c	112	24.2	80.7	780	1	AU067290	AU067290 602024550
c	113	24.2	80.7	796	2	BF233879	BF233879 602907568
c	114	24.2	80.7	802	1	AU067281	AU067281
c	115	24.2	80.7	855	6	CK129648	CK129648 AGENCOURT
c	116	24.2	80.7	908	6	CB204002	CB204002 AGENCOURT
c	117	24.2	80.7	912	2	BI219502	BI219502 602936573
c	118	24.2	80.7	916	2	BQ921904	BQ921904 AGENCOURT
c	119	24.2	80.7	1052	10	BF302465	BF302465 602031480
c	120	24.2	80.7	1578	10	AY413612	AY413612 Mus muscu
c	121	24.2	80.0	600	2	BM666512	BM666512 UI-B-CQ1-
c	122	24	78.0	480	10	AY413611	AY413611 Pan trogl
c	123	23.4	77.3	347	10	CG495142	CG495142 OST34399
c	124	23.2	77.3	579	5	AI029940	AI029940 UI-R-C0-j
c	125	23.2	77.3	617	6	CB607332	CB607332 AMGNNUC:N
c	126	23.2	77.3	663	7	CB579413	CB579413 AMGNNUC:N
c	127	23.2	77.3	691	7	CO572952	CO572952 AGENCOURT
c	128	23.2	77.3	738	6	CO571290	CO571290 AGENCOURT
c	129	23.2	77.3	742	7	CO571290	CO571290 AGENCOURT
c	130	23.2	77.3	742	6	CK567449	CK567449 AGENCOURT
c	131	23.2	77.3	753	7	CK471803	CK471803 AGENCOURT
c	132	23.2	77.3	768	7	CK365509	CK365509 AGENCOURT
c	133	23.2	77.3	782	7	CK367115	CK367115 AGENCOURT
c	134	23.2	77.3	785	7	CK477524	CK477524 AGENCOURT
c	135	23.2	77.3	827	7	CK472406	CK472406 AGENCOURT
c	136	23.2	77.3	837	7	CK472022	CK472022 AGENCOURT
c	137	22.4	74.7	601	9	CK472020	CK472020 AGENCOURT
c	138	22	73.3	758	9	BM993414	BM993414 UI-H-DT0-
c	139	21.6	72.0	494	7	AQ900234	AQ900234 HS_3162_A
c	140	21.6	71.3	325	10	CK340487	CK340487 CO51T607-
c	141	21.4	70.7	349	10	CG517239	CG517239 OST77393
c	142	21.2	70.7	602	7	CE638429	CE638429 tigr-988-
c	143	21	70.0	349	10	C005055?	C005055? Le mxo.15
c	144	21	70.0	968	4	BU364942	BU364942 603785558
c	145	21	70.0	1066	4	CN50G4Z3	CN50G4Z3
c	146	21	70.0	1071	4	CN50GJQB	CN50GJQB
c	147	21	70.0	1072	4	CR702467	CR702467 Tetraodon
c	148	21	70.0	1073	4	CR677806	CR677806 Tetraodon
c	149	21	70.0	1079	4	CR671994	CR671994 Tetraodon
c	150	21	70.0	1080	4	CN50FROX	CN50FROX
c	151	21	70.0	1082	4	CR661436	CR661436 Tetraodon
c	152	21	70.0	1093	4	CR701024	CR701024 Tetraodon
c	153	21	70.0	1094	4	CR659970	CR659970 Tetraodon
c	154	21	70.0	1107	4	CR702212	CR702212 Tetraodon
c	155	21	70.0	1128	4	CR687522	CR687522 Tetraodon
c	156	20.8	69.3	575	8	CX180771	CX180771 E01-45-26
c	157	20.8	69.3	595	8	CX179148	CX179148 D07-45-4
c	158	20.8	68.7	184	5	BY354885	BY354885
c	159	20.6	68.7	563	9	AZ001800	AZ001800 RPCI-23-2
c	160	20.6	68.7	647	9	BZ244788	BZ244788 CH230-469
c	161	20.6	68.7	707	5	BQ584942	BQ584942 E011828-0
c	162	20.6	68.7	418	2	BE120800	BE120800 UI-R-BS1-
c	163	20.4	68.0			BW052801	BW052801
c	164	20.4	68.0			AQ768206	AQ768206 UI-R-BS1-
c	165	20.4	68.0	506	10	CW060441	CW060441 104_303_1
c	166	20.4	68.0	621	10	CW057975	CW057975 104_300_1
c	167	20.4	68.0	634	10	CW058075	CW058075 104_300_1
c	168	20.4	68.0	658	10	CW060343	CW060343 104_303_1
c	169	20.4	68.0	662	10	CW262273	CW262273 104_729_1
c	170	20.4	68.0	725	9	BZ163395	BZ163395 CH230-290
c	171	20.4	68.0	837	9	CC548644	CC548644 CH240_432
c	172	20.4	68.0	895	10	CN501ZVD	CN501ZVD
c	173	20.4	68.0	946	10	CG120331	CG120331 PUFRGS4TB
c	174	20.4	68.0	983	10	CG120332	CG120332 PUFRGS4TD
c	175	20.4	68.0	1113	2	BI194651	BI194651 602946377
c	176	20.2	67.3	1159	7	CK367861	CK367861 AGENCOURT
c	177	20.2	67.3	982	10	CL056775	CL056775 CH216-83K
c	178	20.2	67.3	1030	10	CL035260	CL035260 CH216-39H
c	179	20	67.3	219	3	BM869123	BM869123 mgc0m001xM
c	180	20	66.7	305	1	BM861818	BM861818 mgcm001xM
c	181	20	66.7	465	7	CF977949	CF977949 FAR1SF11.
c	182	20	66.7	489	6	CB725896	CB725896 AMGNNUC:N
c	183	20	66.7	506	6	CD030630	CD030630
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c	185	20	66.7	699	6	CB002929	CB002929 VYB022009
c	186	20	66.7	738	6	CW429311	CW429311
c	187	20	66.7	765	10	CW429310	CW429310 mgmt003xD
c	188	20	66.7	775	10	CW429311	CW429311 fabb001f1
c	189	20	66.7	786	7	CK805658	CK805658 AGENCOURT
c	190	20	66.7	791	7	CN068937	CN068937 010_Ag2_p
c	191	19.8	66.0	864	8	DN930989	DN930989 CH240_20A
c	192	19.8	66.0	476	8	BZ900931	BZ900931 CH240_20A
c	193	19.8	65.3	334	2	CL067180	CL067180 CH216-110
c	194	19.6	65.3	474	2	BB497138	BB497138
c	195	19.6	65.3	569	1	CB729278	CB729278 AMGNNUC:N
c	196	19.6	65.3	576	1	AJ812957	AJ812957
c	197	19.6	65.3	653	2	AW853212	AW853212 RCI-CT024
c	198	19.6	65.3	760	8	BB625825	BB625825
c	199	19.6	65.3	830	8	DT064985	DT064985 AGENCOURT
c	200	19.6	65.3	838	8	DN152600	DN152600 5208_H10
c	201	19.6	65.3	855	5	DR547791	DR547791 WS03210.C
c	202	19.6	65.3	838	6	BW641056	BW641056
c	203	19.6	65.3	1186	5	CC295461	CC295461 CH261-176
c	204	19.6	65.3	1188	9	CC295460	CC295460 CH261-176
c	205	19.6	65.3	1217	10	AG441722	AG441722 Mus muscu
c	206	19.6	65.3	1416	8	DN659716	DN659716 CEC42-F03
c	207	19.6	65.3	2094	4	CR672818	CR672818 Tetraodon
c	208	19.4	65.3	359	9	BH345837	BH345837 CH230-195
c	209	19.4	64.7	441	6	AQ148392	AQ148392 HS_2218_B
c	210	19.4	64.7	465	6	CD761990	CD761990 CH230-195
c	211	19.4	64.7	486	10	CZ050026	CZ050026 OM_Ba005
c	212	19.4	64.7	494	9	AQ332769	AQ332769 HS_5008_A
c	213	19.4	64.7	498	1	AW578024	AW578024 RCI-CN001
c	214	19.4	64.7	512	1	BU144876	BU144876 vui9d09.r
c	215	19.4	64.7	534	3	AA717443	AA717443 vu19d09.r
c	216	19.4	64.7	580	1	BI455273	BI455273
c	217	19.4	64.7	587	11	BP234458	BP234458
c	218	19.4	64.7	593	11	FR003927	FR003927 Fugu rubr
c	219	19.4	64.7	598	9	AL126772	AL126772 Fugu rubr
c	220	19.4	64.7	603	9	CC769965	CC769965 CH240_134
c	221	19.4	64.7	605	9	CE256096	CE256096 tigr-988-
c	222	19.4	64.7	632	9	BQ832096	BQ832096
c	223	19.4	64.7	686	9	BB618972	BB618972 LI6lh2174
c	224	19.4	64.7	693	9	CE259063	CE259063
c	225	19.4	64.7	743	10	AV699837	AV699837
c	226	19.4	64.7	783	2	CW522280	CW522280 OP
c	227	19.4	64.7	798	1	BE745327	BE745327 60157840
c	228	19.4	64.7	821	1	CW829037	CW829037 OP
c	229	19.4	64.7	839	3	AV681484	AV681484
c	230	19.4	64.7	866	8	BI455273	BI455273
c	231	19.4	64.7	871	8	BG197992	BG197992 RSTI7247
c	232	19.4	64.7	879	9	CX908817	CX908817 JGI_CAAN1
c	233	19.4	64.7	977	2	CC098293	CC098293 CSU-K34.1
c	234	19.4	64.7	1501	10	BE454260	BE454260 HVSMEH009
c	235	19.4	64.7	1501	10	AG074796	AG074796 Pan trogl
c	236	19.4	64.7	3679	9	AK084541	AK084541 Mus muscu
c	237	19.4	64.7	3806	9	AK083486	AK083486 Mus muscu
c	238	19.2	64.0	3922	4	AK053054	AK053054 Mus muscu
c	239	19.2	64.0	105	2	BF905394	BF905394 IL3-MT026
c	240	19.2	64.0	167	10	BZ875751	BZ875751 CH240_1046
c	241	19.2	64.0	198	2	BB603447	BB603447 CH240_20A
c		19.2	64.0	304	2	BI053284	BI053284 PMI-GN018

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OM nucleic - nucleic search, using sw model

Run on: March 17, 2006, 20:56:50 ; Search time 81.5217 Seconds
(without alignments)
654.143 Million cell updates/sec

Title: US-10-625-124-14
Perfect score: 30
Sequence: 30
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Scoring table: IDENTITY NUC
Gapop 10.0 , Gapext 1.0

Searched: 1303057 seqs, 888780828 residues

Total number of hits satisfying chosen parameters: 2606114

Minimum DB seq length: 0
Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 500 summaries

Database :
Issued Patents NA:*
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Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	% Query Match	Length	DB	ID	Description
1	30	100.0	364	3	US-09-513-999C-269	Sequence 269, App
2	19.6	65.3	421491	3	US-09-949-016-12805	Sequence 12805, A
3	19.6	65.3	421494	3	US-09-949-016-14060	Sequence 14060, A
4	19.2	64.0	6412	3	US-08-652-877-17	Sequence 17, Appl
5	19.2	64.0	6412	3	US-08-476-515A-17	Sequence 17, Appl
6	19.2	64.0	14042	3	US-08-652-877-85	Sequence 85, Appl
7	19.2	64.0	14044	3	US-08-652-877-89	Sequence 89, Appl
8	19.2	64.0	14080	3	US-08-652-877-87	Sequence 87, Appl
9	19.2	64.0	14083	3	US-08-476-515A-83	Sequence 83, Appl
10	19.2	64.0	14086	3	US-08-652-877-83	Sequence 83, Appl
11	19.2	64.0	54649	3	US-09-949-016-15867	Sequence 15867, A
12	19	63.3	601	3	US-09-949-016-23040	Sequence 23040, A
13	19	63.3	601	3	US-09-949-016-200512	Sequence 200512, A
14	19	63.3	698	3	US-09-533-559-7282	Sequence 7282, App
15	19	63.3	74177	3	US-09-949-016-11988	Sequence 11988, A
16	19	63.3	74177	3	US-09-949-016-17388	Sequence 17388, A
17	19	63.3	229954	3	US-09-705-400-64	Sequence 64, Appl
18	18.8	62.7	601	3	US-09-949-016-138739	Sequence 138739,
19	18.8	62.7	601	3	US-09-949-002-1674	Sequence 1674, Ap
20	18.8	62.7	601	3	US-09-949-002-1675	Sequence 1675, Ap
21	18.8	62.7	601	3	US-09-949-002-1676	Sequence 1676, Ap
22	18.8	62.7	601	3	US-09-949-002-5904	Sequence 5904, Ap
23	18.8	62.7	601	3	US-09-949-002-5905	Sequence 5905, Ap
24	18.8	62.7	601	3	US-09-949-002-5906	Sequence 5906, Ap
25	18.8	62.7	1900	3	US-10-104-047-1883	Sequence 1883, Ap
26	18.8	62.7	2974	3	US-10-104-047-772	Sequence 772, App
27	18.8	62.7	3675	3	US-09-930-872-3	Sequence 3, Appli
28	18.5	62.7	3675	3	US-10-217-774-3	Sequence 3, Appli
29	18.8	62.7	4042	3	US-09-930-872-5	Sequence 5, Appli
30	18.8	62.7	4042	3	US-10-217-774-5	Sequence 5, Appli
31	18.8	62.0	5092	2	US-08-146-930-2	Sequence 2, Appli
32	18.8	62.0	5092	2	US-08-458-240-2	Sequence 2, Appli
33	18.8	62.7	5092	3	US-09-513-999C-1880	Sequence 1880, Ap
34	18.6	62.0	6530	6	PCT-US93-03993-1	Sequence 1, Appli
35	18.8	62.7	6530	6	PCT-US93-03993-2	Sequence 2, Appli
36	18.8	62.7	6530	3	US-08-146-930-1	Sequence 1, Appli
37	18.8	62.7	91232	3	US-09-949-002-607	Sequence 607, App
38	18.8	62.7	317769	3	US-09-949-002-734	Sequence 734, App
39	18.8	62.7	601	3	US-09-949-016-15654	Sequence 15654, A
40	18.8	62.0	601	3	US-09-949-016-23041	Sequence 23041, A
41	18.6	62.0	601	3	US-09-949-016-200513	Sequence 200513,
42	18.4	61.3	486	3	US-09-513-999C-1677	Sequence 1677, Ap
43	18.4	61.3	601	3	US-09-949-002-2032	Sequence 2032, Ap
44	18.4	61.3	601	3	US-09-949-002-4095	Sequence 4095, Ap
45	18.4	61.3	601	3	US-09-949-002-5907	Sequence 5907, Ap
46	18.4	61.3	690	3	US-09-134-0000-179	Sequence 179, App
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54	18.2	60.7	57054	3	US-09-949-016-14159	Sequence 14159, A
55	18.2	60.7	321022	3	US-09-949-016-11852	Sequence 11852, A
56	18.2	60.7	321022	3	US-09-949-016-14166	Sequence 14166, A
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61	18	60.0	471	3	US-08-982-285-19	Sequence 19, Appl
62	18	60.0	471	3	US-08-982-285-20	Sequence 20, Appl
63	18	60.0	471	3	US-08-982-285-21	Sequence 21, Appl
64	18	60.0	471	3	US-10-100-057-14	Sequence 14, Appl
65	18	60.0	471	3	US-10-100-057-16	Sequence 16, Appl
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c	107	17.8	59.3	131631	3	US-09-949-016-11757	Sequence 11757, A
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c	223	17	56.7	2403	3	US-10-006-768A-266	Sequence 266, App
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c	237	17	56.7	22671	3	US-09-949-016-13474	Sequence 13474, A
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 Listing first 500 summaries

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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

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	6	30	100.0	12990	7	US-10-719-956-90997	Sequence 3, Appli
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	14	20.4	68.0	611	5	US-10-027-632-179286	Sequence 179286,
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8	19.4	64.7	431	6	US-09-925-065A-185399	Sequence 185399,
9	19.4	64.7	606	6	US-09-925-065A-86879	Sequence 86879, A
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11	19.4	64.7	659	6	US-09-925-065A-262596	Sequence 262596,
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14	19.2	64.0	201	8	US-10-995-561-18813	Sequence 18813, A
15	19.2	64.0	9	12	US-11-245-147-244	Sequence 244, App
16	19.2	64.0	14392	8	US-11-000-688-363	Sequence 363, App
17	19.2	64.0	15471	8	US-10-995-561-39	Sequence 39, Appl
18	19.2	64.0	241805	8	US-09-925-065A-13215	Sequence 13215, A
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21	19	63.3	641	6	US-09-925-065A-239314	Sequence 239314,
22	19	63.3	641	6	US-09-925-065A-239315	Sequence 239315,
23	19	63.3	1665	8	US-10-750-185-26143	Sequence 26143, A
24	19	63.3	1665	8	US-10-750-185-26143	Sequence 26143, A
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27	18.8	62.7	363	12	US-11-124-368A-1234	Sequence 1234, Ap
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29	18.8	62.7	540	6	US-09-925-065A-494704	Sequence 494704,
30	18.8	62.7	540	6	US-09-925-065A-494705	Sequence 494705,
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53	18.8	62.7	2974	9	US-09-925-065A-684134	Sequence 684134,
54	18.8	62.7	3054	6	US-09-925-065A-684135	Sequence 684135,
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77	18.4	61.3	2500	12	US-11-128-161-1105	Sequence 1105, Ap
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79	18.4	61.3	2644	8	US-10-510-386-165	Sequence 165, App
80	18.4	61.3	81656	7	US-10-330-773-853	Sequence 853, App
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93	18	60.0	635	6	US-09-925-065A-803834	Sequence 803834,

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94	18	60.0	724	8	US-10-750-185-49661	Sequence 49661, A
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Gapop 10.0 , Gapext 1.0

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Maximum Match 100%
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14: gb_htg:*
15: gb_pl:*

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

	Result No.	Score	% Query Match	Length	DB	ID	Description
c	1	20	100.0	273	6	CQ733303	CQ733303 Sequence
c	2	20	100.0	364	6	BD024016	BD024016 Sequence
c	3	20	100.0	364	6	AX884406	AX884406 Sequence
c	4	20	100.0	1253	6	AX780260	AX780260 Sequence
c	5	20	100.0	2011	8	BC012099	BC012099 Homo sapi
c	6	20	100.0	2016	8	U03274	U03274 Homo sapien
c	7	20	100.0	12990	8	HSBTDSS2	HSBTDSS2
c	8	20	100.0	147123	14	AF016631	AF016631 Homo sapi
c	9	20	100.0	192031	8	AC027030	AC027030 Homo sapi
c	10	20	100.0	199288	8	AC027129	AC027129 Homo sapi
c	11	19	95.0	248419	5	AC090950	AC090950 Homo sapi
c	12	18	90.0	2960	8	BX470164	BX470164 Zebrafish
c	13	18	90.0	70453	8	BC040597	BC040597 Homo sapi
c	14	18	90.0	116265	5	AC116332	AC116332 Homo sapi
c	15	18	90.0	169103	5	AC140941	AC140941 Gallus ga
c	16	18	90.0	174171	14	AC078952	AC078952 Homo sapi
c	17	18	90.0	187136	8	AC134519	AC134519 Homo sapi
c	18	18	90.0	188532	14	AC145036	AC145036 Homo sapi
c	19	18	90.0	189748	14	AC140866	AC140866 Homo sapi
c	20	18	90.0	191889	14	AC140829	AC140829 Homo sapi
c	21	18	90.0	199718	14	CR974589	CR974589 Mus muscu
c	22	18	90.0	207268	5	AC146547	AC146547 Gasterost
c	23	18	90.0	238725	14	AC140828	AC140828 Homo sapi
c	24	18	90.0	253373	14	AC154927	AC154927 Meleagris
c	25	18	90.0	266579	14	AC115376	AC115376 Rattus no
c	26	18	90.0	269301	14	AC102913	AC102913 Mus muscu
c	27	17.4	87.0	239	6	CQ705760	CQ705760 Sequence
c	28	17.4	87.0	243	6	CQ701540	CQ701540 Sequence
c	29	17.4	87.0	245	14	AX341740	AX341740 Sequence
c	30	17.4	87.0	255	6	AX395883	AX395883 Sequence
c	31	17.4	87.0	271	8	CQ663439	CQ663439 Sequence
c	32	17.4	87.0	297	10	G30865	G30865 sWSS3861 Er
c	33	17.4	87.0	402	6	CQ715121	CQ715121 Sequence
c	34	17.4	87.0	496	6	BD265344	BD265344 Compounds
c	35	17.4	87.0	496	6	AR401330	AR401330 Sequence
c	36	17.4	87.0	496	6	AX192783	AX192783 Sequence
c	37	17.4	87.0	544	6	AX396173	AX396173 Sequence
c	38	17.4	87.0	615	15	BT011314	BT011314 Arabidops
c	39	17.4	87.0	674	8	BD124611	BD124611 Primer fo
c	40	17.4	87.0	674	8	CQ779902	CQ779902 Sequence
c	41	17.4	87.0	693	6	BD126570	BD126570 Primer fo
c	42	17.4	87.0	693	6	CQ781861	CQ781861 Sequence
c	43	17.4	87.0	788	15	BT010845	BT010845 Arabidops
c	44	17.4	87.0	875	8	BC071982	BC071982 Homo sapi
c	45	17.4	87.0	1104	15	AK060937	AK060937 Oryza sat
c	46	17.4	87.0	1106	8	BC012994	BC012994 Homo sapi
c	47	17.4	87.0	1153	6	CQ981329	CQ981329 Sequence
c	48	17.4	87.0	1153	6	CS030555	CS030555 Sequence
c	49	17.4	87.0	1153	6	CS036241	CS036241 Sequence
c	50	17.4	87.0	1153	6	CS039507	CS039507 Sequence
c	51	17.4	87.0	1153	6	CS045193	CS045193 Sequence
c	52	17.4	87.0	1169	8	AX683274	AX683274 Sequence
c	53	17.4	87.0	1180	8	BC008081	BC008081 Homo sapi
c	54	17.4	87.0	1180	8	AR275032	AR275032 Sequence
c	55	17.4	87.0	1180	8	M88458	M88458 Human ELP-1
c	56	17.4	87.0	1485	10	BV178067	BV178067 sqnm98370
c	57	17.4	87.0	1593	2	AY284689	AY284689 Diplogast
c	58	17.4	87.0	1616	8	BD127146	BD127146 Primer fo
c	59	17.4	87.0	1616	8	CQ782464	CQ782464 Sequence
c	60	17.4	87.0	1616	8	AK074526	AK074526 Homo sapi
c	61	17.4	87.0	1873	8	CQ718742	CQ718742 Sequence
c	62	17.4	87.0	1885	8	BD274914	BD274914 METHODS A
c	63	17.4	87.0	1885	8	CS105040	CS105040 Sequence
c	64	17.4	87.0	1885	8	AR380617	AR380617 Sequence
c	65	17.4	87.0	1885	15	HUNMARKSG	HUNMARKSG
c	66	17.4	87.0	2063	15	AK102549	AK102549 Oryza sat
c	67	17.4	87.0	2147	8	CQ497405	CQ497405 Sequence
c	68	17.4	87.0	2174	6	CQ491533	CQ491533 Sequence
c	69	17.4	87.0	2174	6	CQ497420	CQ497420 Sequence
c	70	17.4	87.0	2315	15	AK102962	AK102962 Oryza sat
c	71	17.4	87.0	2474	8	AK093917	AK093917 Homo sapi
c	72	17.4	87.0	2516	8	BC089040	BC089040 Homo sapi
c	73	17.4	87.0	2589	6	BD134486	BD134486 Human nuc
c	74	17.4	87.0	2589	6	BD274915	BD274915 METHODS A
c	75	17.4	87.0	2589	6	CQ812260	CQ812260 Sequence
c	76	17.4	87.0	2589	6	CQ899445	CQ899445 Sequence
c	77	17.4	87.0	2589	6	CS105042	CS105042 Sequence
c	78	17.4	87.0	2589	6	AX017386	AX017386 Sequence
c	79	17.4	87.0	2589	6	AX525090	AX525090 Sequence
c	80	17.4	87.0	2589	6	D10522	D10522 Homo sapien
c	81	17.4	87.0	37854	8	AC004172	AC004172 Homo sapi
c	82	17.4	87.0	50174	8	BX001005	BX001005 Human DNA
c	83	17.4	87.0	50113	8	HSDJ249H1	HSDJ249H1
c	84	17.4	87.0	56173	8	AC011390	AC011390 Homo sapi
c	85	17.4	87.0	56570	8	BX247949	BX247949 Human DNA
c	86	17.4	87.0	77224	14	CT009555	CT009555 Homo sapi
c	87	17.4	87.0	77573	5	BX649485	BX649485 Zebrafish
c	88	17.4	87.0	82182	14	AC165659	AC165659 Bos tauru
c	89	17.4	87.0	86314	9	AL772268	AL772268 Mouse DNA
c	90	17.4	87.0	86554	8	CR788234	CR788234 Human DNA
c	91	17.4	87.0	88412	8	CR759769	CR759769 Human DNA

	No.			Length	N	Name	Description
	92	17.4	87.0	90335	15	ATTSN23	AL138650 Arabidops
	93	17.4	87.0	98461	15	AL096859	AL096859 Arabidops
c	94	17.4	87.0	105633	8	AL671561	AL671561 Human DNA
c	95	17.4	87.0	109221	14	CT009517	CT009517 Homo sapi
c	96	17.4	87.0	110000	1	BX950851_01	Continuation (2 of
c	97	17.4	87.0	110000	8	BA000025_21	Continuation (22 o
c	98	17.4	87.0	110000	15	BA000041_16	Continuation_16
	99	17.4	87.0	110000	15	AP008217_042	Continuation (43 o
	100	17.4	87.0	110000	15	AP008208_289	Continuation (290
c	101	17.4	87.0	112545	8	CR925767	CR925767 Human DNA
c	102	17.4	87.0	114450	8	AB023058	AB023058 Homo sapi
c	103	17.4	87.0	114511	15	AP004052	AP004052 Oryza sat
c	104	17.4	87.0	115003	8	BX005089	BX005089 Zebrafish
c	105	17.4	87.0	122241	14	AP004129	AP004129 Oryza sat
c	106	17.4	87.0	123768	8	AL645939	AL645939 Human DNA
c	107	17.4	87.0	125405	8	BX927141	BX927141 Human DNA
c	108	17.4	87.0	130934	8	BX005428	BX005428 Human DNA
c	109	17.4	87.0	130985	8	AJ243213	AJ243213 Homo sapi
c	110	17.4	87.0	134071	8	AC004861	AC004861 Homo sapi
c	111	17.4	87.0	136551	8	AC123786	AC123786 Homo sapi
c	112	17.4	87.0	137074	8	AC072052	AC072052 Homo sapi
c	113	17.4	87.0	141016	14	AC148204	AC148204 Callicebu
c	114	17.4	87.0	144631	8	AC069027	AC069027 Homo sapi
c	115	17.4	87.0	145085	14	AC090261	AC090261 Homo sapi
c	116	17.4	87.0	145414	8	AL135919	AL135919 Homo sapi
c	117	17.4	87.0	148624	14	AC084815	AC084815 Homo sapi
c	118	17.4	87.0	148834	8	HS377H14	HS377H14 Human DNA
c	119	17.4	87.0	154614	14	AL022723	AL022723 Human DNA
c	120	17.4	87.0	154839	15	CR855263	CR855263 Danio rer
c	121	17.4	87.0	157691	8	AC134047	AC134047 Oryza sat
c	122	17.4	87.0	157691	14	AC009051	AC009051 Homo sapi
c	123	17.4	87.0	159188	14	AC037432	AC037432 Homo sapi
c	124	17.4	87.0	159264	9	AC092726	AC092726 Homo sapi
c	125	17.4	87.0	162237	14	AL845167	AL845167 Mouse DNA
c	126	17.4	87.0	162898	14	AC026953	AC026953 Homo sapi
c	127	17.4	87.0	164406	14	CR769769	CR769769 Danio rer
c	128	17.4	87.0	166438	14	AC021838	AC021838 Homo sapi
c	129	17.4	87.0	166900	15	AP001650	AP001650 Homo sapi
c	130	17.4	87.0	167900	14	AC099570	AC099570 Homo sapi
c	131	17.4	87.0	169143	15	AC153740	AC153740 Colobus 9
c	132	17.4	87.0	169176	14	CR938719	CR938719 Homo sapi
c	133	17.4	87.0	175047	14	AC159168	AC159168 Callicebu
c	134	17.4	87.0	179882	8	AC147705	AC147705 Papio anu
c	135	17.4	87.0	181487	14	AC148744	AC148744 Macropus
c	136	17.4	87.0	193544	14	AP005825	AP005825 Oryza sat
c	137	17.4	87.0	197152	14	AL807754	AL807754 Zebrafish
c	138	17.4	87.0	199825	9	AC166338	AC166338 Mus muscu
c	139	17.4	87.0	200006	14	AL671895	AL671895 Mouse DNA
c	140	17.4	87.0	200358	9	AC154958	AC154958 Bos tauru
c	141	17.4	87.0	202958	14	AC147208	AC147208 Xenopus t
c	142	17.4	87.0	206742	14	AC125252	AC125252 Mus muscu
c	143	17.4	87.0	212724	9	AC158412	AC158412 Cercopith
c	144	17.4	87.0	213375	14	CR855319	CR855319 Danio rer
c	145	17.4	87.0	215234	14	AC152735	AC152735 Bos tauru
c	146	17.4	87.0	215731	14	AC153237	AC153237 Bos tauru
c	147	17.4	87.0	215911	14	AC111437	AC111437 Rattus no
c	148	17.4	87.0	221115	14	AC164149	AC164149 Bos tauru
c	149	17.4	87.0	223533	14	AL954663	AL954663 Zebrafish
c	150	17.4	87.0	224753	9	CR855270	CR855270 Danio rer
c	151	17.4	87.0	225164	14	AC163355	AC163355 Mus muscu
c	152	17.4	87.0	225547	14	AC156488	AC156488 Bos tauru
c	153	17.4	87.0	225913	14	AC156979	AC156979 Rattus no
c	154	17.4	87.0	235050	14	AC157343	AC157343 Bos tauru
c	155	17.4	87.0	235221	14	AC153221	AC153221 Bos tauru
c	156	17.4	87.0	235286	8	AC136285	AC136285 Rattus no
c	157	17.4	87.0	237332	14	AC131846	AC131846 Rattus no
c	158	17.4	87.0	240155	14	AC128472	AC128472 Rattus no
c	159	17.4	87.0	240561	14	AC129456	AC129456 Rattus no
c	160	17.4	87.0	241167	14	AC156295	AC156295 Bos tauru
c	161	17.4	87.0	244594	5	BX005412	BX005412 Zebrafish
c	162	17.4	87.0	248594	14	AC106590	AC106590 Bos tauru
c	163	17.4	87.0	250962	14	AC125564	AC125564 Rattus no
c	163	17.4	87.0	263257	14	AC162197	AC162197 Bos tauru
c	164	17.4	87.0	273631	14	AC163155	AC163155 Bos tauru

	No.			Length	N	Name	Description
c	165	17.4	87.0	284274	14	AC117062	AC117062 Rattus no
c	166	17.4	87.0	319486	8	AF055066	AF055066 Homo sapi
c	167	17.4	87.0	330950	8	AC157003	AC157003 Bos tauru
c	168	17.4	87.0	349980	6	CS039414	CS039414 Sequence
c	169	17.4	85.0	464	6	CQ430812	CQ430812 Sequence
c	170	17	85.0	616	10	BV229598	BV229598 Sequence
c	171	17	85.0	653	10	BV407368	BV407368 Sequence
c	172	17	85.0	64455	14	AC068371	AC068371 Homo sapi
c	173	17	85.0	80355	8	AC016505	AC016505 Homo sapi
c	174	17	85.0	112978	8	AC022139	AC022139 Homo sapi
c	175	17	85.0	114149	8	AC022083	AC022083 Homo sapi
c	176	17	85.0	130349	8	AC011593	AC011593 Homo sapi
c	177	17	85.0	137927	14	AC072020	AC072020 Homo sapi
c	178	17	85.0	139766	14	AC156929	AC156929 Homo sapi
c	179	17	85.0	143514	14	AC163272	AC163272 Bos tauru
c	180	17	85.0	154708	14	AC158259	AC158259 Bos tauru
c	181	17	85.0	168955	14	AC150855	AC150855 Bos tauru
c	182	17	85.0	169159	14	AC068171	AC068171 Homo sapi
c	183	17	85.0	170590	14	AC117967	AC117967 Rattus no
c	184	17	85.0	170550	14	AC055732	AC055732 Homo sapi
c	185	17	85.0	179686	14	AC023987	AC023987 Homo sapi
c	186	17	85.0	182322	9	AC102508	AC102508 Mus muscu
c	187	17	85.0	182405	14	AC099056	AC099056 Homo sapi
c	188	17	85.0	182797	9	AC154281	AC154281 Mus muscu
c	189	17	85.0	204504	14	AC150645	AC150645 Bos tauru
c	190	17	85.0	244420	14	CR854904	CR854904 Danio rer
c	191	17	85.0	247988	14	AL683828	AL683828 Mouse DNA
c	192	17	85.0	214370	14	AC156222	AC156222 Bos tauru
c	193	17	85.0	217649	14	AF336379	AF336379 Mus muscu
c	194	17	85.0	139809	14	AC110122	AC110122 Rattus no
c	195	17	85.0	224199	14	AC118473	AC118473 Mus muscu
c	196	16.8	85.0	234183	9	AC108284	AC108284 Rattus no
c	197	17	85.0	234182	14	AK071515	AK071515 Oryza sat
c	198	17	85.0	238246	14	AY669059	AY669059 Acanthopa
c	199	17	85.0	234960	6	BC021404	BC021404 Mus muscu
c	200	17	85.0	1242	6	CQ789103	CQ789103 Sequence
c	201	16.8	84.0	1299	9	AR218962	AR218962 Sequence
c	202	16.8	84.0	2315	14	BD003874	BD003874 Polynucle
c	203	16.8	84.0	2315	6	BSU29177	BSU29177 Bacillus su
c	204	16.8	84.0	2315	6	AB007453	AB007453 Streptoco
c	205	16.8	84.0	1131	15	AB010645	AB010645 Acetobact
c	206	16.8	84.0	1186	15	AR340912	AR340912 Sequence
c	207	16.8	84.0	952	13	AR340915	AR340915 Sequence
c	208	16.8	84.0	839	13	AC151310	AC151310 Xenopus t
c	209	16.8	84.0	3346	5	BX547932	BX547932 Zebrafish
c	210	16.8	84.0	10114	1	AC005800	AC005800 Homo sapi
c	211	16.8	84.0	16836	1	AP006500_06	Continuation (7 of
c	212	16.8	84.0	16836	6	AP006502_00	Continuation (
c	213	16.8	84.0	16836	6	CT002512_3	Continuation (4 of
c	214	16.8	84.0	78554	5	AE017347_04	Continuation (4 of
c	215	16.8	84.0	82464	5	AE017347_03	Continuation (5 of
c	216	16.8	84.0	100259	8	AP008212_298	Continuation (299
c	217	16.8	84.0	110000	14	AP008212_299	Continuation (300
c	218	16.8	84.0	110000	15	AC084172	AC084172 Homo sapi
c	219	16.8	84.0	110000	14	AC019853	AC019853 Homo sapi
c	220	16.8	84.0	110000	15	AC124248	AC124248 Homo sapi
c	221	16.8	84.0	110000	15	AC026855	AC026855 Homo sapi
c	222	16.8	84.0	116334	14	AC090154	AC090154 Homo sapi
c	223	16.8	84.0	125804	14	AC023312	AC023312 Human Chr
c	224	16.8	84.0	142201	8	AY560578	AY560578 Zea mays
c	225	16.8	84.0	143618	14	AC091227	AC091227 Drosophil
c	226	16.8	84.0	144615	8	CR962133	CR962133 Medicago
c	227	16.8	84.0	157248	14	AC010446	AC010446 Mus muscu
c	228	16.8	84.0	159918	14	AC010061	AC010061 Drosophil
c	229	16.8	84.0	163514	2	AP003614	AP003614 Oryza sat
c	230	16.8	84.0	164013	14	AC124726	AC124726 Mus muscu
c	231	16.8	84.0	165318	14		
c	232	16.8	84.0	171965	15		
c	233	16.8	84.0	178456	9		

GenCore version 5.1.7
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OM nucleic - nucleic search, using sw model

Run on: March 17, 2006, 19:50:39 ; Search time 371.957 Seconds
(without alignments)
358.359 Million cell updates/sec

Title: US-10-625-124-19
Perfect score: 20
Sequence: 1 gcttgctcttccctcgcg 20
Scoring table: IDENTITY_NUC
Gapop 10.0 , Gapext 1.0
Searched: 4996997 seqs, 333346308 residues

Total number of hits satisfying chosen parameters: 9993994

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 500 summaries

Minimum DB seq length: 0
Maximum DB seq length: 200000000

Database :   N_Geneseq_21:*
1: geneseqn1980s:*
2: geneseqn1990s:*
3: geneseqn2000s:*
4: geneseqn2001as:*
5: geneseqn2001bs:*
6: geneseqn2002as:*
7: geneseqn2002bs:*
8: geneseqn2003as:*
9: geneseqn2003bs:*
10: geneseqn2003cs:*
11: geneseqn2003ds:*
12: geneseqn2004as:*
13: geneseqn2004bs:*
14: geneseqn2005s:*

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	%	Query Match Length	DB	ID	Description
1	20	100.0	20	13	ADU17707	Adu17707 PCR detec
2	20	100.0	187	10	ACD96713	Acd96713 Human col
3	20	100.0	364	9	AAC00271	Aac00271 Human sec
4	20	100.0	1253	10	ADF81861	Adf81861 Leukaemia
5	20	100.0	2016	13	ADR24560	Adr24560 Breast ca
6	20	100.0	2016	13	ADU17689	Adu17689 Human bio
7	20	100.0	12990	13	ADU17691	Adu17691 Human bio
8	17.4	87.0	245	6	ABL38398	Abl38398 Human col
9	17.4	87.0	255	6	ABK44547	Abk44547 cDNA enco
10	17.4	87.0	347	3	AAA15866	Aaa15866 DNA encod
11	17.4	87.0	406	9	ACH20036	Ach20036 Human adu
12	17.4	87.0	477	9	ABV86978	Abv86978 Human col
13	17.4	87.0	496	3	AAA78063	Aaa78063 cDNA enco
14	17.4	87.0	496	8	AAI28801	Aai28801 Colon tum
15	17.4	87.0	544	6	ABZ32987	Abz32987 Human col
16	17.4	87.0	597	6	ABK44837	Abk44837 cDNA enco
17	17.4	87.0	674	4	ABQ66418	Abq66418 Arabidops
18	17.4	87.0	674	4	AAK91582	Aak91582 Human cDN
19	17.4	87.0	674	12	ADL28009	Adl28009 5' end of
20	17.4	87.0	693	4	AAK93541	Aak93541 Human cDN
21	17.4	87.0	693	12	ADL29968	Adl29968 3' end of
22	17.4	87.0	1080	11	ACL27790	Acl27790 Rice abio
23	17.4	87.0	1153	8	ABZ75901	Abz75901 Heart dis
24	17.4	87.0	1153	12	ADQ87320	Adq87320 Human tum
25	17.4	87.0	1153	12	ADG87557	Adg87557 Human tum
26	17.4	87.0	1153	13	ACN38582	Acn38582 Tumour-as
27	17.4	87.0	1153	13	ADP56123	Adp56123 Human PRO
28	17.4	87.0	1153	13	ADU05962	Adu05962 Novel bro
29	17.4	87.0	1153	14	ADY14255	Ady14255 DNA encod
30	17.4	87.0	1153	14	ADY19941	Ady19941 DNA encod
31	17.4	87.0	1180	10	ADB31453	Adb31453 Bicalutam
32	17.4	87.0	1180	10	ADD14612	Add14612 Human src
33	17.4	87.0	1180	14	ADZ75528	Adz75528 Human ELP
34	17.4	87.0	1263	4	AAK51703	Aak51703 Human pol
35	17.4	87.0	1616	12	AAK94117	Aak94117 Human ful
36	17.4	87.0	1616	12	ADL30571	Adl30571 Full leng
37	17.4	87.0	1885	11	AAA50339	Aaa50339 Human myr
38	17.4	87.0	1885	11	ADI31836	Adi31836 Human CDN
39	17.4	87.0	1885	13	ADS83903	Ads83903 Human lym
40	17.4	87.0	1999	2	AAQ04784	Aaq04784 Sequence
41	17.4	87.0	2147	5	ABV29254	Abv29254 Human pro
42	17.4	87.0	2174	5	ABV29269	Abv29269 Human pro
43	17.4	87.0	2174	5	ABV23411	Abv23411 Human pro
44	17.4	87.0	2589	3	AAA50340	Aaa50340 Human myr
45	17.4	87.0	2589	6	ABK83589	Abk83589 Human CDN
46	17.4	87.0	2589	6	ABK64392	Abk64392 Human ben
47	17.4	87.0	2589	11	ADP64979	Adp64979 Human myr
48	17.4	87.0	2589	11	ADP65066	Adp65066 Human myr
49	17.4	87.0	2589	11	ADP65625	Adp65625 Human mRN
50	17.4	87.0	2589	11	ADP65437	Adp65437 Human mRN
51	17.4	87.0	2589	13	ADR24902	Adr24902 Breast ca
52	17.4	87.0	2589	13	ADP23250	Adp23250 PRO polyp
53	17.4	87.0	2589	13	ADU18103	Adu18103 Human ost
54	17.4	87.0	3236	12	ADQ23276	Adq23276 Human sof
55	17.4	87.0	3384	5	AAS66268	Aas66268 DNA encod
56	17.4	87.0	4346	10	ADE25645	Ade25645 Human CDN
57	17.4	87.0	148834	6	ABK83570	Abk83570 Human bre
58	17	87.0	464	4	AAL23376	Aal23376 Human bre
59	17	85.0	33634	11	ACN45028	Acn45028 Mouse gen
60	17	85.0	41400	10	ABX77189	Abx77189 Mouse BAC
61	17	85.0	49806	9	ADB16927	Adb16927 Human DYX
62	16.8	84.0	767	11	ACL32004	Acl32004 Rice abio
63	16.8	84.0	1263	10	ADB69750	Adb69750 C. neofor
64	16.8	84.0	1369	10	ADB69389	Adb69389 C. neofor
65	16.8	84.0	2315	2	AAV52327	Aav52327 Streptoco
66	16.8	84.0	3369	10	ADB69028	Adb69028 C. neofor
67	16.8	84.0	16836	2	AAV52831	Aav52831 Acetobact
68	16.8	84.0	110000	10	ABS56454_13	Continuation (14 o
69	16.4	82.0	304	3	AAA15864	Aaa15864 DNA encod
70	16.4	82.0	452	6	ABQ97805	Abq97805 Mouse ES
71	16.4	82.0	468	13	ACN55469	Acn55469 Cotton an
72	16.4	82.0	573	5	AAH81497	Aah81497 Human dif
73	16.4	82.0	618	11	ACN91298	Acn91298 Breast ca
74	16.4	82.0	1260	6	ABN68910	Abn68910 Streptoco
75	16.4	82.0	1263	6	ABN70499	Abn70499 Streptoco
76	16.4	82.0	1263	12	ADH88995	Adh88995 Streptoco
77	16.4	82.0	1263	13	ADV85458	Adv85458 Streptoco
78	16.4	82.0	1419	3	AAC59222	Aac59222 Human sec
79	16.4	82.0	1419	8	ADA97943	Ada97943 Human sec
80	16.4	82.0	1419	8	ADA43850	Ada43850 Human sec
81	16.4	82.0	1419	10	ADC20098	Adc20098 Human sec
82	16.4	82.0	1419	10	ADF10565	Adf10565 Human sec
83	16.4	82.0	2000	6	ABZ16368	Abz16368 Arabidops
84	16.4	82.0	3070	2	AAZ33640	Aaz33640 Human bre
85	16.4	82.0	3117	3	AAF18178	Aaf18178 Lung canc
86	16.4	82.0	3941	13	ADX54705	Adx54705 Plant ful
87	16.4	82.0	23398	13	ADV87720	Adv87720 Streptoco
88	16.4	82.0	23398	14	ADV78973	Adv78973 Streptoco
89	16.4	82.0	92099	14	ADZ12547	Adz12547 Murine ca
90	16.4	82.0	110000	6	ABN71527_17	Continuation (18 o
91	16.4	82.0	110000	13	ADV81204_18	Continuation (19 o
92	16.4	82.0	110000	14	AEA61120_5	Continuation (6 of

Mark	No.	A	B	Len	N	Accession	Description
	93	16.4	82.0	110000	14	ABA61102_3	Continuation (4 of
c	94	16.4	82.0	172570	6	ABQ88207	Abq88207 Human ost
c	95	16	80.0	446	4	AAL14514	Aal14514 Human bre
c	96	16	80.0	455	13	ACN45505	Acn45505 Cotton pr
c	97	16	80.0	842	13	ACN84555	Acn84555 Breast ca
c	98	16	80.0	1811	13	ADX63470	Adx63470 Plant ful
c	99	16	79.0	298	4	AAS39245	Aas39245 Novel hum
c	100	15.8	79.0	305	4	AAS38927	Aas38927 Novel hum
c	101	15.8	79.0	309	4	AAS38926	Aas38926 Novel hum
c	102	15.8	79.0	337	12	AAS37932	Aas37932 Novel hum
c	103	15.8	79.0	347	14	ADP94486	Adp94486 Cotton ex
c	104	15.8	79.0	355	12	ACL60378	Acl60378 Human col
c	105	15.8	79.0	360	4	AAK83711	Aak83711 Human imm
c	106	15.8	79.0	360	3	AAK83712	Aak83712 Human imm
c	107	15.8	79.0	386	3	AAC18472	Aac18472 Human sec
c	108	15.8	79.0	407	10	AAS68111	Aas68111 Eucalyptu
c	109	15.8	79.0	407	3	ADD41861	Add41861 Cytochrom
c	110	15.8	79.0	470	4	AAC27382	Aac27382 Human sec
c	111	15.8	79.0	471	5	ABV15863	Abv15863 Human pro
c	112	15.8	79.0	485	4	AAI12279	Aai12279 Probe #22
c	113	15.8	79.0	485	4	ABA53984	Aba53984 Human foe
c	114	15.8	79.0	485	4	AAI33635	Aai33635 Probe #23
c	115	15.8	79.0	485	4	ABA23734	Aba23734 Probe #22
c	116	15.8	79.0	485	4	ABA43533	Aba43533 Human bre
c	117	15.8	79.0	485	4	AAK27702	Aak27702 Human bon
c	118	15.8	79.0	485	4	AAK02253	Aak02253 Human bra
c	119	15.8	79.0	485	5	ABS27272	Abs27272 Human liv
c	120	15.8	79.0	485	6	AAI02195	Aai02195 Probe #21
c	121	15.8	79.0	485	6	ABS02164	Abs02164 Human gen
c	122	15.8	79.0	526	2	AAX91203	Aax91203 T. gondii
c	123	15.8	79.0	526	10	AAS42526	Aas42526 T. gondii
c	124	15.8	79.0	526	5	ADG17055	Adg17055 T. gondii
c	125	15.8	79.0	563	4	AAH10411	Aah10411 Human CDN
c	126	15.8	79.0	568	5	ABV45663	Abv45663 Human pro
c	127	15.8	79.0	591	6	ABV50257	Abv50257 Human gen
c	128	15.8	79.0	600	12	ACH68590	Ach68590 Human gen
c	129	15.8	79.0	637	10	ADC30489	Adc30489 Human nov
c	130	15.8	79.0	706	10	ADC32339	Adc32339 Human nov
c	131	15.8	79.0	772	4	AAH06731	Aah06731 Human CDN
c	132	15.8	79.0	819	8	ACA20255	Aca20255 Prokaryot
c	133	15.8	79.0	832	6	ABQ75358	Abq75358 Human lun
c	134	15.8	79.0	931	6	ABN98613	Abn98613 Arabidops
c	135	15.8	79.0	1169	13	ADX35445	Adx35445 Plant ful
c	136	15.8	79.0	1175	8	ADA84099	Ada84099 Human MGC
c	137	15.8	79.0	1175	10	ADF76928	Adf76928 Novel hum
c	138	15.8	79.0	1239	11	ABD15762	Abd15762 Pseudomon
c	139	15.8	79.0	1248	11	ABD15648	Abd15648 Pseudomon
c	140	15.8	79.0	1249	8	ABZ36221	Abz36221 Human sec
c	141	15.8	79.0	1258	13	ADT17845	Adt17845 Plant CDN
c	142	15.8	79.0	1259	3	AAC49086	Aac49086 Arabidops
c	143	15.8	79.0	1281	14	ADZ85001	Adz85001 Partial F
c	144	15.8	79.0	1303	3	AAC38621	Aac38621 Arabidops
c	145	15.8	79.0	1338	6	AAL49987	Aal49987 Fish cort
c	146	15.8	79.0	1338	12	ADO50814	Ado50814 Catfish c
c	147	15.8	79.0	1342	10	ADC30082	Adc30082 Human nov
c	148	15.8	79.0	1383	12	ADQ99519	Adq99519 Thale cre
c	149	15.8	79.0	1398	1	AAX91204	Aax91204 T. gondii
c	150	15.8	79.0	1456	2	ADT19581	Adt19581 DNA encod
c	151	15.8	79.0	1478	13	AAS87893	Aas87893 Human nov
c	152	15.8	79.0	1478	2	AAX42527	Aax42527 T. gondii
c	153	15.8	79.0	1478	10	ADG17057	Adg17057 T. gondii
c	154	15.8	79.0	1489	14	AEB27026	Aeb27026 Pinus rad
c	155	15.8	79.0	1489	11	AAH17528	Aah17528 Human gen
c	156	15.8	79.0	1716	11	ABD15708	Abd15708 Pseudomon
c	157	15.8	79.0	1905	5	ABV30167	Abv30167 Human pro
c	158	15.8	79.0	2046	6	ABL69133	Abl69133 Kidney ca
c	159	15.8	79.0	2139	4	AAH17912	Aah17912 Human CDN
c	160	15.8	79.0	2389	8	ABT18222	Abt18222 Aspergill
c	161	15.8	79.0	3022	8	ABT20036	Abt20036 Aspergill
c	162	15.8	79.0	3173	12	ADP74349	Adp74349 Laminaria
c	163	15.8	79.0	3719	6	ABK63798	Abk63798 Rat seque
c	164	15.8	79.0	3719	10	ADB58461	Adb58461 Toxicity-
c	165	15.8	79.0	4161	4	AAF23914	Aaf23914 Human sec
c	166	15.8	79.0	4315	10	ADG42131	Adg42131 Human bra
c	167	15.8	79.0	4485	4	ABL15084	Abl15084 Drosophil
c	168	15.8	79.0	4552	12	ADQ25095	Adq25095 Human sof
c	169	15.8	79.0	4998	1	AAN81114	Aan81114 Non-A, no
c	170	15.8	79.0	5146	10	ADD48890	Add48890 Human gen
c	171	15.8	79.0	5984	4	ABI19858	Abi19858 Drosophil
c	172	15.8	79.0	5997	4	ABL26958	Abl26958 Drosophil
c	173	15.8	79.0	6306	14	ABL05158	Abl05158 Drosophil
c	174	15.8	79.0	7326	14	ADX05796	Adx05796 Cyclin-de
c	175	15.8	79.0	7393	4	AAI58487	Aai58487 Human WT1
c	176	15.8	79.0	7393	9	ADG98702	Adg98702 DNA encod
c	177	15.8	79.0	7393	4	ADB48462	Adb48462 Novel hum
c	178	15.8	79.0	9163	12	ADO80813	Ado80813 Porcine e
c	179	15.8	79.0	9549	5	AAS63175	Aas63175 Human bra
c	180	15.8	79.0	10446	10	ADE06465	Ade06465 Vector pG
c	181	15.8	79.0	10447	10	ADE06464	Ade06464 Vector pG
c	182	15.8	79.0	10447	10	ADE06463	Ade06463 Vector pG
c	183	15.8	79.0	10447	10	ADE06462	Ade06462 Vector pG
c	184	15.8	79.0	11913	10	ADB53953	Adb53953 WT1 genom
c	185	15.8	79.0	11913	13	ADS88992	Ads88992 Human WT1
c	186	15.8	79.0	25656	4	ABL13242	Abl13242 Drosophil
c	187	15.8	79.0	30889	4	ABL19852	Abl19852 Drosophil
c	188	15.8	79.0	31563	4	ABL02738	Abl02738 Drosophil
c	189	15.8	79.0	34099	13	ADS33984	Ads33984 Human gro
c	190	15.8	79.0	36651	6	AAD28072	Aad28072 Human kin
c	191	15.8	79.0	38045	9	AAD56159	Aad56159 Human sal
c	192	15.8	79.0	38189	4	ABL19856	Abl19856 Drosophil
c	193	15.8	79.0	39814	4	ABL19854	Abl19854 Drosophil
c	194	15.8	79.0	43226	2	AAX60263	Aax60263 Nucleic a
c	195	15.8	79.0	108845	13	ACN44084	Acn44084 Mouse gen
c	196	15.8	79.0	103464	12	AEA61142	Aea61142 Human ABC
c	197	15.8	79.0	71251	14	ADI12698	Adi12698 Human LPI
c	198	15.8	79.0	89060	6	ADI12697	Adi12697 Human LPI
c	199	15.8	79.0	97955	12	ADI12699	Adi12699 Human LPI
c	200	15.8	79.0	96250	12	ADN97989_03	Abd33278 Human LPI
c	201	15.8	79.0	95103	12	ADN97989_04	Abd32542 Murine ca
c	202	15.8	79.0	110000	6	ABX08336_03	Abx08336_03 Mouse can
c	203	15.8	79.0	108845	13	ABX08336_04	Abx08336_04 Mouse can
c	204	15.8	79.0	110000	12	ADN46845_10	Continuation (5 of
c	205	15.8	79.0	110000	12	ADN47209_09	Continuation (5 of
c	206	15.8	79.0	110000	14	ADN47209_10	Continuation (4 of
c	207	15.8	79.0	110000	12	ADN46845_10	Continuation (5 of
c	208	15.8	79.0	110000	12	ADN47960_09	Continuation (5 of
c	209	15.8	79.0	110000	12	ADN46845_10	Continuation (10 o
c	210	15.8	79.0	110000	12	ADN42209_09	Continuation (10 o
c	211	15.8	79.0	110000	12	ADN47209_10	Continuation (11 o
c	212	15.8	79.0	110000	12	ADN46845_10	Continuation (11 o
c	213	15.8	79.0	110000	12	ADN47591_09	Continuation (10 o
c	214	15.8	79.0	110000	12	ADO52281_03	Continuation (5 of
c	215	15.8	79.0	110000	14	ADO50281_04	Continuation (4 of
c	216	15.8	79.0	110000	14	ADO52281_04	Continuation (4 of
c	217	15.8	79.0	110000	14	AEB85185_04	Continuation (5 of
c	218	15.8	79.0	110000	14	AEB88185_03	Continuation (10 o
c	219	15.8	79.0	110665	14	ADQ19183	Continuation (11 o
c	220	15.8	79.0	171398	14	ADZ13359	Adq19183 Human sof
c	221	15.8	79.0	181257	13	ADF69677	Adz13359 Human can
c	222	15.8	79.0	191584	13	ADR67026	Adf69677 Human can
c	223	15.8	79.0	191584	13	ADR67026	Adr67026 Human SLC
c	224	15.8	79.0	214520	13	ADL13471	Adl13471 Osteoarth
c	225	15.4	77.0	227448	13	ABD32841	Abd32841 Mouse can
c	226	15.4	77.0	100	8	ACD69394	Acd69394 E. coli K
c	227	15.4	77.0	100	8	ACD69395	Acd69395 E. coli K
c	228	15.4	77.0	290	2	AAC56793	Aac56793 Eucalyptu
c	229	15.4	77.0	300	2	AAZ13827	Aaz13827 Human gen
c	230	15.4	77.0	357	3	AAC56794	Aac56794 Eucalyptu
c	231	15.4	77.0	471	3	AAS67398	Aas67398 DNA encod
c	232	15.4	77.0	474	4	ABA57931	Aba57931 Human foe
c	233	15.4	77.0	479	11	ACL38618	Acl38618 Rice stre
c	234	15.4	77.0	479	4	AAI37525	Aai37525 Probe #62
c	235	15.4	77.0	479	4	AAK31648	Aak31648 Human bra
c	236	15.4	77.0	479	4	AAK06004	Aak06004 Human bon
c	237	15.4	77.0	479	6	ABS31333	Abs31333 Human liv
c	238	15.4	77.0	488	5	ABS06403	Abs06403 Human gen
						ABV50332	Abv50332 Human pro

OM nucleic - nucleic search, using sw model

GenCore version 5.1.7
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Run on: March 17, 2006, 20:51:03 ; Search time 1597.17 Seconds
(without alignments)
585.873 Million cell updates/sec

Title: US-10-625-124-19
Perfect score: 20
Sequence: 1 gcttgctcttcctctgcg 20

Scoring table: IDENTITY_NUC
Gapop 10.0 , Gapext 1.0

Searched: 41078325 seqs, 2339541228 residues

Total number of hits satisfying chosen parameters: 82156650

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 500 summaries

Minimum DB seq length: 0
Maximum DB seq length: 200000000

Database : EST*:
1: gb_est1:*
2: gb_est2:*
3: gb_est3:*
4: gb_htc:*
5: gb_est4:*
6: gb_est5:*
7: gb_est6:*
8: gb_est7:*
9: gb_gss1:*
10: gb_gss2:*
11: gb_gss3:*

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

	Result No.	Score	% Query Match	Length	DB	ID	Description
c	1	20	100.0	187	1	AI908770	AI908770 IL-BT189-
	2	20	100.0	260	2	BB814713	BB814713 PM3-BN008
c	3	20	100.0	300	1	AU098915	AU098915 AU098915
	4	20	100.0	352	5	BX384402	BX384402 BX384402
c	5	20	100.0	387	7	CR774616	CR774616 DKFZp469D
	6	20	100.0	434	8	T53932	T53932 T53932 yb85a06.r1
c	7	20	100.0	449	1	AW136528	AW136528 UI-H-BI1-
c	8	20	100.0	479	1	AA426104	AA426104 zu66h06.r
	9	20	100.0	485	3	BP224073	BP224073 BP224073
c	10	20	100.0	496	2	BG747472	BG747472 60270477 9
	11	20	100.0	530	5	CB111882	CB111882 K-EST0153
	12	20	100.0	546	2	BE814688	BE814688 PM1-BN008
c	13	20	100.0	556	6	CB297181	CB297181 12B22033
	14	20	100.0	557	5	BP274875	BP274875 BP274875
	15	20	100.0	559	5	BX487803	BX487803 DKFZp686D
	16	20	100.0	561	3	BP241154	BP241154 BP241154
	17	20	100.0	562	3	BP239399	BP239399 BP239399
	18	20	100.0	562	7	CK905568	CK905568 lh26f10.y
	19	20	100.0	564	1	AU279476	AU279476 AU279476
	20	20	100.0	572	7	BI761569	BI761569 603046488
	21	20	100.0	574	3	BP213400	BP213400 BP213400
	22	20	100.0	575	3	BM538987	BM538987 hb03d07.g
	23	20	100.0	579	3	BP212549	BP212549 BP212549
	24	20	100.0	580	1	BP277224	BP277224 BP277224
c	25	20	100.0	580	1	AW268836	AW268836 xv48a04.x
	26	20	100.0	580	3	BP321544	BP321544 BP321544
	27	20	100.0	581	3	BP332044	BP332044 wa22e06.x
	28	20	100.0	581	1	AI651543	AI651543 AI651543
c	29	20	100.0	581	3	BP250812	BP250812 BP250812
	30	20	100.0	581	3	BP355711	BP355711 BP355711
	31	20	100.0	582	3	BP216508	BP216508 BP216508
	32	20	100.0	582	3	BP229719	BP229719 BP229719
	33	20	100.0	582	5	BP255505	BP255505 BP255505
	34	20	100.0	582	3	BP289331	BP289331 BP289331
	35	20	100.0	582	3	BP294125	BP294125 BP294125
	36	20	100.0	582	3	BP326502	BP326502 BP326502
	37	20	100.0	582	3	BP355742	BP355742 BP355742
	38	20	100.0	583	3	BP271460	BP271460 BP271460
	39	20	100.0	583	3	BP363684	BP363684 BP363684
	40	20	100.0	584	3	BP344472	BP344472 BP344472
	41	20	100.0	584	3	BP358428	BP358428 BP358428
	42	20	100.0	592	5	BX340297	BX340297 BX340297
	43	20	100.0	593	3	BP214206	BP214206 BP214206
	44	20	100.0	595	3	BM507279	BM507279 ih26f10.Y
	45	20	100.0	600	3	BM666512	BM666512 UI-E-CQ1-
	46	20	100.0	601	3	BM993414	BM993414 UI-H-DTO-
	47	20	100.0	625	7	CN481922	CN481922 hw13g05.Y
	48	20	100.0	631	3	BI838922	BI838922 60308404
	49	20	100.0	657	7	CV028566	CV028566 7114 Full
	50	20	100.0	665	1	AL039824	AL039824 DKFZp434C
	51	20	100.0	673	3	BI836119	BI836119 60308821
	52	20	100.0	677	7	CN277568	CN277568 UI-E-CQ1-
	53	20	100.0	685	7	CR791161	CR791161 DKFZp4690
	54	20	100.0	686	7	BG769726	BG769726 60274461 8
	55	20	100.0	697	3	BM840185	BM840185 K-EST0117
	56	20	100.0	723	10	AG186833	AG186833 Pan trog1
	57	20	100.0	743	1	BE871868	BE871868 601447883
	58	20	100.0	755	2	AU137728	AU137728 AU137728
	59	20	100.0	773	1	BM919775	BM919775 AGENCOURT
	60	20	100.0	773	3	BI770329	BI770329 603056236
	61	20	100.0	803	3	BI560515	BI560515 603254502
	62	20	100.0	829	3	DN877934	DN877934 nae17c11.
	63	20	100.0	851	8	CB992557	CB992557 AGENCOURT
	64	20	100.0	855	6	BI759206	BI759206 60304263 3
	65	20	100.0	865	6	CD358893	CD358893 AGENCOURT
	66	20	100.0	878	1	AL549312	AL549312 AGENCOURT
	67	20	100.0	881	1	BI842207	BI842207 60308411 2
	68	20	100.0	886	3	BX402565	BX402565 BX402565
	69	20	100.0	913	5	BX458352	BX458352 BX458352
	70	20	100.0	917	5	BX382242	BX382242 BX382242
	71	20	100.0	922	5	CR624205	CR624205 full-leng
	72	20	100.0	935	2	BX324872	BX324872 BX324872
	73	20	100.0	940	1	AA250779	AA250779 zt35h03.s
	74	20	100.0	968	5	AL549778	AL549778 AGENCOURT
	75	20	100.0	594	2	BQ707863	BQ707863 we27b02.x
	76	20	100.0	560	1	AI797115	AI797115 z88zc08.s
	77	20	100.0	963	7	AA279086	AA279086 ILLUMIGEN
	78	18.4	92.0	1044	2	AL523081	AL523081 AL523081
	79	18.4	92.0	1076	3	BM473861	BM473861 AGENCOURT
	80	20	100.0	1505	3	BP383106	BP383106 BP383106
	81	20	100.0	1632	10	AY413610	AY413610 Homo sapi
	82	19	95.0	1895	4	CR624205	CR624205 full-leng
	83	18.4	92.0	206	1	AA250779	AA250779 zt35h03.s
	84	18.4	92.0	204	1	AI797115	AI797115 we27b02.x
	85	18.4	92.0	594	1	AA279086	AA279086 z88zc08.s
	86	18.4	92.0	963	7	CO774483	CO774483 ILLUMIGEN
	87	18.4	92.0	1070	10	CNS0029PS	CNS0029PS
	88	18	90.0	697	3	BI836186	BI836186 603085721
	89	18	90.0	1160	6	CD506469	CD506469 CDA79-E05
	90	18	90.0	1578	10	AY413611	AY413611 Tetraodon
	91	17.4	87.0	183	2	BE939257	BE939257 IL2-TN013
	92	17.4	87.0	201	6	CD640705	CD640705 AGENCOURT
	93	17.4	87.0	203	1	AA350308	AA350308 EST57786
	94	17.4	87.0	210	1	AA418520	AA418520 zv92h10.r
	95	17.4	87.0	224	1	AA358898	AA358898 EST167828

	#			N	c	Accession	Accession	Description
C	96	17.4	87.0	227	1	AA092008	AA092008	l13930.se
C	98	17.4	87.0	239	1	AI140013	AI140013	qa6efo8.x
C	99	17.4	87.0	243	1	AA973519	AA973519	oo46a02.s
C	100	17.4	87.0	247	1	AI139236	AI139236	qc19e09.x
C	101	17.4	87.0	261	1	AW079485	AW079485	xc16h09.x
C	102	17.4	87.0	263	8	D56384	D56384	HUM426F07B
C	103	17.4	87.0	273	8	W25637	W25637	zc64b05.r1
C	104	17.4	87.0	281	1	AW450412	AW450412	UI-H-BI3-
C	105	17.4	87.0	297	1	AA078569	AA078569	7P05F09 C
C	106	17.4	87.0	297	1	AW118421	AW118421	xe63g04.x
C	107	17.4	87.0	304	7	CN345315	CN345315	170006002
C	108	17.4	87.0	312	1	AA626867	AA626867	zu89g08.s
C	109	17.4	87.0	320	1	AA948553	AA948553	on68d01.s
C	110	17.4	87.0	323	1	AI934463	AI934463	wp58c07.x
C	111	17.4	87.0	328	1	AW784497	AW784497	zb63d11.g
C	112	17.4	87.0	337	2	AW232689	AW232689	fj24e01.x
C	113	17.4	87.0	337	2	BE930843	BE930843	RCI-GN007
C	114	17.4	87.0	343	3	AI094776	AI094776	qal3cl1.x
C	115	17.4	87.0	343	3	BP423757	BP423757	BP423757
C	116	17.4	87.0	345	1	AI364303	AI364303	qy77e03.x
C	117	17.4	87.0	347	2	AA359370	AA359370	EST68406
C	118	17.4	87.0	349	2	BE930812	BE930812	RCI-GN007
C	119	17.4	87.0	354	8	F03041	F03041	HSC1KE072 n
C	120	17.4	87.0	357	3	BM782282	BM782282	K-EST0059
C	121	17.4	87.0	370	3	BM850351	BM850351	K-EST0130
C	122	17.4	87.0	371	2	BI255475	BI255475	602977986
C	123	17.4	87.0	374	1	AW838488	AW838488	QV2-LT005
C	124	17.4	87.0	375	2	BU587197	BU587197	AGENCOURT
C	125	17.4	87.0	377	2	BE163747	BE163747	QV3-HT046
C	126	17.4	87.0	385	1	AA622111	AA622111	nq55f03.s
C	127	17.4	87.0	390	8	R81255	R81255	R81255
C	128	17.4	87.0	392	8	AI925779	AI925779	wo35e05.x
C	129	17.4	87.0	393	8	BF110841	BF110841	7n41a01.x
C	130	17.4	87.0	395	8	N39972	N39972	yx97d07.r1
C	131	17.4	87.0	396	1	BG004283	BG004283	RC6-GN007
C	132	17.4	87.0	399	1	AA910524	AA910524	ok56d07.s
C	133	17.4	87.0	403	7	AW838275	AW838275	QV2-LT005
C	134	17.4	87.0	403	7	CN301014	CN301014	170006002
C	135	17.4	87.0	408	9	R71598	R71598	yi52e11.s1
C	136	17.4	87.0	409	7	CN301015	CN301015	170005999
C	137	17.4	87.0	415	1	BM481760	BM481760	534243 MA
C	138	17.4	87.0	417	1	AA554344	AA554344	nl0de10.s
C	139	17.4	87.0	418	1	AV695368	AV695368	AV695368
C	140	17.4	87.0	428	1	AA558789	AA558789	nl73g10.s
C	141	17.4	87.0	431	1	AI002241	AI002241	or72d09.s
C	142	17.4	87.0	432	3	BM686138	BM686138	UI-E-CKo-
C	143	17.4	87.0	433	1	AI744636	AI744636	wgo4h03.x
C	144	17.4	87.0	435	8	R81540	R81540	yjo2c12.s1
C	145	17.4	87.0	440	1	AI268506	AI268506	go37c09.x
C	146	17.4	87.0	441	1	AI623643	AI623643	ta22d05.x
C	147	17.4	87.0	442	1	AI359897	AI359897	qv46h08.x
C	148	17.4	87.0	445	1	AI952528	AI952528	wx75a03.x
C	149	17.4	87.0	445	8	R24746	R24746	yg43f06.r1
C	150	17.4	87.0	450	1	AA137187	AA137187	z123b10.r
C	151	17.4	87.0	450	3	AV655350	AV655350	AV655350
C	152	17.4	87.0	452	3	BQ007226	BQ007226	UI-1-BCO-
C	153	17.4	87.0	457	1	AI090588	AI090588	qa70e11.x
C	154	17.4	87.0	460	1	AA137188	AA137188	z123b10.s
C	155	17.4	87.0	462	1	AA782823	AA782823	ajo9c08.s
C	156	17.4	87.0	463	1	AI183492	AI183492	qd42d09.x
C	157	17.4	87.0	464	1	AI344340	AI344340	tc03g10.x
C	158	17.4	87.0	464	1	AA602329	AA602329	no30h10.s
C	159	17.4	87.0	467	1	AI685832	AI685832	tt90d01.x
C	160	17.4	87.0	469	1	AI361407	AI361407	qy47ho2.x
C	161	17.4	87.0	469	1	AI359375	AI359375	qy28a02.x
C	162	17.4	87.0	470	1	AA970799	AA970799	op23a04.s
C	163	17.4	87.0	471	1	AA401895	AA401895	zt67c04.r
C	164	17.4	87.0	473	1	AI291678	AI291678	qm74f09.x
C	165	17.4	87.0	474	9	AQ718350	AQ718350	HS_5513_B
C	166	17.4	87.0	475	1	AI052416	AI052416	oy75g10.x
C	167	17.4	87.0	478	1	AI026921	AI026921	ov98b07.x
C	168	17.4	87.0	482	1	AA187383	AA187383	zp69b06.r
		17.4	87.0	482	1	AW471500	AW471500	x105d10.x
		17.4	87.0	485	1			

	#			N	c	Accession	Accession	Description
C	169	17.4	87.0	485	8	DR770767	DR770767	ILLUMIGEN
C	170	17.4	87.0	489	1	AI346912	AI346912	qp59c02.x
C	171	17.4	87.0	489	2	BF061319	BF061319	7i7h06.x
C	172	17.4	87.0	495	7	AI025189	AI025189	ov40e03.x
C	173	17.4	87.0	495	8	CN345317	CN345317	170006003
C	174	17.4	87.0	496	1	AA291574	AA291574	zt40h12.s
C	175	17.4	87.0	499	1	AI139418	AI139418	qc29c05.x
C	176	17.4	87.0	499	1	AW513363	AW513363	xo83b07.x
C	177	17.4	87.0	502	1	AA394907	AA394907	26704 Lam
C	178	17.4	87.0	502	6	CD677257	CD677257	hol4a02.y
C	179	17.4	87.0	508	6	AI125102	AI125102	am66e01.s
C	180	17.4	87.0	511	1	AI285878	AI285878	qh96f09.x
C	181	17.4	87.0	513	1	AI364927	AI364927	qz23b08.s
C	182	17.4	87.0	516	1	AA757160	AA757160	ah55h06.s
C	183	17.4	87.0	519	1	AI291995	AI291995	qm8lh12.x
C	184	17.4	87.0	519	2	BF196674	BF196674	7m94a12.x
C	185	17.4	87.0	521	1	AW514353	AW514353	hd25a11.x
C	186	17.4	87.0	521	1	CG465506	CG465506	KRIBB_2D
C	187	17.4	87.0	523	10	AI094591	AI094591	oy64d05.x
C	188	17.4	87.0	523	1	AA411826	AA411826	zt67c04.s
C	189	17.4	87.0	524	1	AI421381	AI421381	tf20c11.x
C	190	17.4	87.0	524	1	AI142997	AI142997	or70c11.x
C	191	17.4	87.0	525	6	BX106699	BX106699	NISC_g110
C	192	17.4	87.0	525	6	CB052884	CB052884	NISC_g110
C	193	17.4	87.0	526	3	AI146345	AI146345	qb41e08.x
C	194	17.4	87.0	529	1	AI088861	AI088861	qa12g03.x
C	195	17.4	87.0	531	5	BX434188	BX434188	7o99h02.x
C	196	17.4	87.0	531	2	BX453838	BX453838	qc33d03.x
C	197	17.4	87.0	533	5	AI161048	AI161048	qi94f04.x
C	198	17.4	87.0	533	1	AI280379	AI280379	170005313
C	199	17.4	87.0	535	1	CN301029	CN301029	170005313
C	200	17.4	87.0	535	7	BM824545	BM824545	K-EST0096
C	201	17.4	87.0	538	2	BF446751	BF446751	7g91f03.x
C	202	17.4	87.0	543	3	AW582261	AW582261	QV4-ST021
C	203	17.4	87.0	545	7	AU151771	AU151771	AU151771
C	204	17.4	87.0	546	3	CN301013	CN301013	170006000
C	205	17.4	87.0	549	1	BM826273	BM826273	K-EST0098
C	206	17.4	87.0	550	1	AW653617	AW653617	102388 MA
C	207	17.4	87.0	551	7	AA425784	AA425784	zv47b05.s
C	208	17.4	87.0	555	2	CN413936	CN413936	170005328
C	209	17.4	87.0	555	3	BF439843	BF439843	nac49e03.
C	210	17.4	87.0	556	3	BM996684	BM996684	UI-H-DHO-
C	211	17.4	87.0	564	2	AU151771	AU151771	AU151771
C	212	17.4	87.0	566	2	BE219246	BE219246	hv50d06.x
C	213	17.4	87.0	567	5	CR620529	CR620529	full-leng
C	214	17.4	87.0	567	5	BX424944	BX424944	BX424944
C	215	17.4	87.0	569	3	BP268261	BP268261	BP268261
C	216	17.4	87.0	573	3	AW271731	AW271731	x8a1la11.x
C	217	17.4	87.0	574	3	BM083635	BM083635	imagecqc_2
C	218	17.4	87.0	575	5	BU947753	BU947753	1o53b03.y
C	219	17.4	87.0	576	1	AA932421	AA932421	co42d09.s
C	220	17.4	87.0	577	1	AW104303	AW104303	xd77a09.x
C	221	17.4	87.0	578	1	AI198403	AI198403	qi62h01.x
C	222	17.4	87.0	579	2	BF593761	BF593761	nac08b11.
C	223	17.4	87.0	579	7	CN301016	CN301016	170005999
C	224	17.4	87.0	580	3	BM264459	BM264459	1g35e09.x
C	225	17.4	87.0	580	3	BP243148	BP243148	BP243148
C	226	17.4	87.0	581	3	BP256583	BP256583	BP256583
C	227	17.4	87.0	582	3	AI089961	AI089961	qa20g08.x
C	228	17.4	87.0	582	3	BP220150	BP220150	BP220150
C	229	17.4	87.0	582	3	BP353334	BP353334	BP353334
C	230	17.4	87.0	583	3	AW072642	AW072642	x41c09.x
C	231	17.4	87.0	583	3	BP267316	BP267316	BP267316
C	232	17.4	87.0	583	7	BM271819	BM271819	1g35e09.y
C	233	17.4	87.0	584	1	BP334140	BP334140	BP334140
C	234	17.4	87.0	584	3	BP334140	BP334140	BP334140
C	235	17.4	87.0	584	1	AI200436	AI200436	AI200436
C	236	17.4	87.0	585	3	BP420716	BP420716	BP420716
C	237	17.4	87.0	586	1	AI633165	AI633165	t207a03.x
C	238	17.4	87.0	586	1	AI633165	AI633165	t207a03.x
C	239	17.4	87.0	591	7	AL549462	AL549462	AL549462
C	240	17.4	87.0	592	1	AU145060	AU145060	AU145060
C	241	17.4	87.0	592	1	CK824819	CK824819	CK824819
		17.4	87.0	593	8	DN601648	DN601648	HESC3_70_

OM nucleic - nucleic search, using sw model

GenCore version 5.1.7
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Run on: March 17, 2006, 20:56:50 ; Search time 54.3478 Seconds
(without alignments)
654.143 Million cell updates/sec

Title: US-10-625-124-19
Perfect score: 20
Sequence: 1 gcttgctccttctcctcgcg 20

Scoring table: IDENTITY_NUC
              Gapop 10.0 , Gapext 1.0

Searched: 1303057 seqs, 888780828 residues

Total number of hits satisfying chosen parameters: 2606114

Post-processing: Minimum Match 0%
                 Maximum Match 100%
Minimum DB seq length: 0
Maximum DB seq length: 200000000
                 Listing first 500 summaries

Database :   Issued Patents NA:*
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              3: /cgn2_6/ptodata/1/ina/6A_COMB.seq:*
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              5: /cgn2_6/ptodata/1/ina/H_COMB.seq:*
              6: /cgn2_6/ptodata/1/ina/PCTUS_COMB.seq:*
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              8: /cgn2_6/ptodata/1/ina/RE_COMB.seq:*
              9: /cgn2_6/ptodata/1/ina/backfiles1.seq:*

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	% Query Match	Match Length	DB	ID	Description
1	20	100.0	364	3	US-09-513-999C-269	Sequence 269, App
2	17.4	87.0	496	3	US-09-401-064-350	Sequence 350, App
3	17.4	87.0	1180	3	US-09-220-132-169	Sequence 169, App
4	17.4	87.0	1885	3	US-09-023-655-1162	Sequence 1162, Ap
5	17.4	87.0	2590	3	US-09-949-016-1460	Sequence 1460, Ap
6	17.4	87.0	8426	3	US-09-949-016-13202	Sequence 13202, A
7	17.4	87.0	2315	3	US-08-961-527-194	Sequence 194, App
8	16.8	84.0	16836	3	US-09-147-236-1	Sequence 1, Appl
9	16.8	84.0	16836	3	US-09-147-236-10	Sequence 10, Appl
10	16.8	84.0	16836	3	US-09-522-474-1	Sequence 1, Appli
11	16.8	84.0	16836	3	US-09-522-474-10	Sequence 10, Appl
12	16.4	82.0	95566	3	US-09-949-016-11877	Sequence 11877, A
13	16	80.0	837	3	US-09-270-767-6244	Sequence 6244, Ap
14	16	80.0	837	3	US-09-270-767-21526	Sequence 21526, A
15	15.8	79.0	386	3	US-09-513-999C-22547	Sequence 22547, A
16	15.8	79.0	407	3	US-09-615-192A-204	Sequence 204, App
17	15.8	79.0	470	3	US-09-513-999C-31457	Sequence 31457, A
18	15.8	79.0	526	3	US-09-216-393B-5	Sequence 5, Appli
19	15.8	79.0	601	3	US-09-949-016-37773	Sequence 37773, A
20	15.8	79.0	601	3	US-09-949-016-41522	Sequence 41522, A
21	15.8	79.0	601	3	US-09-949-016-158300	Sequence 158300,
22	15.8	79.0	1239	3	US-09-252-991A-14366	Sequence 14366, A
23	15.8	79.0	1248	3	US-09-252-991A-14252	Sequence 14252, A
24	15.8	79.0	1338	3	US-09-799-978-33	Sequence 33, Appl
25	15.8	79.0	1478	3	US-09-216-393B-7	Sequence 7, Appli
26	15.8	79.0	1905	3	US-09-252-991A-14312	Sequence 14312, A
27	15.8	79.0	7393	3	US-09-620-312D-372	Sequence 372, App
28	15.8	79.0	10061	3	US-09-949-016-12092	Sequence 12092, App
29	15.8	79.0	10061	3	US-09-949-016-14935	Sequence 14935, A
30	15.8	79.0	26967	3	US-09-949-016-12926	Sequence 12926, A
31	15.8	79.0	36651	3	US-09-738-894A-3	Sequence 3, Appli
32	15.8	79.0	36651	3	US-09-964-469-3	Sequence 3, Appli
33	15.8	79.0	44064	3	US-09-949-016-12015	Sequence 12015, A
34	15.8	79.0	44064	3	US-09-949-016-15757	Sequence 15757, A
35	15.8	79.0	44072	3	US-09-949-016-16158	Sequence 16158, A
36	15.8	79.0	48219	3	US-09-949-016-13706	Sequence 13706, A
37	15.8	79.0	49603	3	US-09-949-016-12077	Sequence 12077, A
38	15.8	79.0	53722	3	US-09-949-016-12799	Sequence 12799, A
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312.052 Million cell updates/sec

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Perfect score: 20
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Scoring table: IDENTITY_NUC
Gapop 10.0 , Gapext 1.0
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and is derived by analysis of the total score distribution.

SUMMARIES

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Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	% Query Match	Length	DB	ID	Description
c 1	17.4	87.0	496	12	US-11-108-172-350	Sequence 350, App
c 2	17.4	87.0	577	6	US-09-925-065A-772012	Sequence 772012,
c 3	17.4	87.0	581	6	US-09-925-065A-806406	Sequence 806406,
c 4	17.4	87.0	585	6	US-09-925-065A-768464	Sequence 768464,
c 5	17.4	87.0	586	6	US-09-925-065A-777729	Sequence 777729,
c 6	17.4	87.0	848	8	US-10-750-185-24760	Sequence 24760, A
c 7	17.4	87.0	848	8	US-10-750-623-24760	Sequence 24760, A
c 8	17.4	87.0	1180	7	US-10-501-035-6	Sequence 6, Appli
c 9	17.4	87.0	1523	8	US-09-925-065A-706158	Sequence 706158,
c 10	17.4	87.0	2589	12	US-11-122-329-48	Sequence 48, Appl
c 11	16.8	84.0	912	7	US-10-932-182A-1923	Sequence 1923, Ap
c 12	16.8	84.0	912	7	US-10-932-182A-1923	Sequence 1923, Ap
c 13	16.4	82.0	566	6	US-09-925-065A-202671	Sequence 202671,
c 14	16.4	82.0	626	6	US-09-925-065A-786508	Sequence 786508,
c 15	16.4	82.0	626	6	US-09-925-065A-786508	Sequence 786508,
c 16	16.4	82.0	681	6	US-09-925-065A-699081	Sequence 699081,
c 17	16.4	82.0	1263	8	US-10-520-820-29	Sequence 29, Appl
c 18	16	80.0	627	8	US-09-925-065A-729221	Sequence 729221,
c 19	16	80.0	1567	8	US-10-750-185-58221	Sequence 58221, A
c 20	16	80.0	1567	8	US-10-750-623-58221	Sequence 58221, A
c 21	16	80.0	1706	8	US-10-750-185-56410	Sequence 56410, A
c 22	16	80.0	1706	8	US-10-750-623-56410	Sequence 56410, A
c 23	15.8	79.0	201	12	US-11-124-367A-11521	Sequence 11521, A
c 24	15.8	79.0	442	6	US-09-925-065A-389359	Sequence 389359,
c 25	15.8	79.0	502	8	US-09-925-065A-616158	Sequence 616158,
c 26	15.8	79.0	517	6	US-09-925-065A-278412	Sequence 278412,
c 27	15.8	79.0	527	6	US-09-925-065A-82404	Sequence 82404, A
c 28	15.8	79.0	570	6	US-09-925-065A-299600	Sequence 299600,
c 29	15.8	79.0	570	6	US-09-925-065A-299601	Sequence 299601,
c 30	15.8	79.0	570	6	US-09-925-065A-299602	Sequence 299602,
c 31	15.8	79.0	571	6	US-09-925-065A-717597	Sequence 717597,
c 32	15.8	79.0	571	6	US-09-925-065A-717598	Sequence 717598,
c 33	15.8	79.0	580	6	US-09-925-065A-96284	Sequence 96284, A
c 34	15.8	79.0	583	6	US-09-925-065A-103119	Sequence 103119,
c 35	15.8	79.0	583	6	US-09-925-065A-923540	Sequence 923540,
c 36	15.8	79.0	584	6	US-09-925-065A-947497	Sequence 947497,
c 37	15.8	79.0	584	6	US-09-925-065A-923209	Sequence 923209,
c 38	15.8	79.0	584	6	US-09-925-065A-947326	Sequence 947326,
c 39	15.8	79.0	586	6	US-09-925-065A-943239	Sequence 943239,
c 40	15.8	79.0	586	6	US-09-925-065A-956512	Sequence 956512,
c 41	15.8	79.0	599	6	US-09-925-065A-60607	Sequence 60607, A
c 42	15.8	79.0	599	6	US-09-925-065A-60608	Sequence 60608,
c 43	15.8	79.0	599	6	US-09-925-065A-335642	Sequence 335642,
c 44	15.8	79.0	608	6	US-09-925-065A-313042	Sequence 313042,
c 45	15.8	79.0	610	6	US-09-925-065A-660450	Sequence 660450,
c 46	15.8	79.0	610	6	US-09-925-065A-660451	Sequence 660451,
c 47	15.8	79.0	611	6	US-09-925-065A-125407	Sequence 125407,
c 48	15.8	79.0	611	6	US-09-925-065A-551273	Sequence 551273,
c 49	15.8	79.0	765	6	US-09-925-065A-551274	Sequence 551274,
c 50	15.8	79.0	765	6	US-09-925-065A-25236	Sequence 25236, A
c 51	15.8	79.0	830	6	US-09-925-065A-25237	Sequence 25237, A
c 52	15.8	79.0	830	6	US-09-925-065A-25238	Sequence 25238, A
c 53	15.8	79.0	913	6	US-09-925-065A-4770	Sequence 4770, A
c 54	15.8	79.0	913	6	US-09-925-065A-4771	Sequence 4771, Ap
c 55	15.8	79.0	913	6	US-09-925-065A-4772	Sequence 4772, Ap
c 56	15.8	79.0	961	6	US-10-750-185-60201	Sequence 60201,
c 57	15.8	79.0	961	6	US-10-750-623-60201	Sequence 60201,
c 58	15.8	79.0	961	6	US-09-925-065A-60201	Sequence 60201, A
c 59	15.8	79.0	1171	6	US-09-925-065A-56163	Sequence 56163, A
c 60	15.8	79.0	1489	12	US-11-024-959-187	Sequence 187, App
c 61	15.8	79.0	1612	8	US-10-750-185-35528	Sequence 35528, A
c 62	15.8	79.0	1612	8	US-10-750-623-35528	Sequence 35528, A
c 63	15.8	79.0	1709	8	US-10-750-185-26535	Sequence 26535, A
c 64	15.8	79.0	1709	8	US-10-750-623-26535	Sequence 26535, A
c 65	15.8	79.0	1823	6	US-09-925-065A-681281	Sequence 681281,
c 66	15.8	79.0	1823	6	US-09-925-065A-681282	Sequence 681282,
c 67	15.8	79.0	1916	8	US-10-750-185-59708	Sequence 59708, A
c 68	15.8	79.0	1916	8	US-10-750-623-59708	Sequence 59708, A
c 69	15.8	79.0	2051	6	US-09-925-065A-706373	Sequence 706373,
c 70	15.8	79.0	2051	6	US-09-925-06A-706374	Sequence 706374,
c 71	15.8	79.0	2051	6	US-09-925-065A-706375	Sequence 706375,
c 72	15.8	79.0	2322	6	US-10-750-185-38188	Sequence 38188, A
c 73	15.8	79.0	2322	6	US-09-925-065A-38188	Sequence 38188, A
c 74	15.8	79.0	2445	8	US-10-750-623-50092	Sequence 50092,
c 75	15.8	79.0	2445	8	US-10-750-185-50092	Sequence 50092, A
c 76	15.8	79.0	2560	8	US-10-750-623-43449	Sequence 43449, A
c 77	15.8	79.0	2560	8	US-10-750-185-82678	Sequence 43449, Ap
c 78	15.8	79.0	23672	8	US-10-995-561-13267	Sequence 13267, A
c 79	15.8	79.0	34099	8	US-11-121-086-18	Sequence 18, Appl
c 80	15.8	79.0	124972	12	US-11-091-018-1	Sequence 1, Appli
c 81	15.4	77.0	201	8	US-10-995-561-82702	Sequence 82702, A
c 82	15.4	77.0	201	8	US-10-932-182A-76359	Sequence 76359, A
c 83	15.4	77.0	201	8	US-10-995-561-62678	Sequence 62678, A
c 84	15.4	77.0	201	8	US-10-995-561-62705	Sequence 62705, A
c 85	15.4	77.0	201	8	US-10-995-561-82678	Sequence 62705, A
c 86	15.4	77.0	201	8	US-10-995-561-82678	Sequence 82678, A
c 87	15.4	77.0	345	8	US-10-932-182A-76359	Sequence 76359, A
c 88	15.4	77.0	345	7	US-10-932-182A-76359	Sequence 76359, A
c 89	15.4	77.0	417	8	US-10-932-182A-76359	Sequence 76359, A
c 90	15.4	77.0	458	6	US-09-925-065A-199933	Sequence 199933,
c 91	15.4	77.0	468	6	US-09-925-065A-492178	Sequence 492178,
c 92	15.4	77.0	468	6	US-09-925-065A-531723	Sequence 531723,
c 93	15.4	77.0	475	6	US-09-925-065A-224984	Sequence 224984,

#					Accession	Sequence
94	15.4	77.0	505	6	US-09-925-065A-736121	Sequence 736121,
95	15.4	77.0	505	6	US-09-925-065A-736122	Sequence 736122,
96	15.4	77.0	506	6	US-09-925-065A-383319	Sequence 383319,
97	15.4	77.0	507	6	US-09-925-065A-567091	Sequence 567091,
98	15.4	77.0	511	6	US-09-925-065A-642605	Sequence 642605,
99	15.4	77.0	514	6	US-09-925-065A-303312	Sequence 303312, A
100	15.4	77.0	522	6	US-09-925-065A-457282	Sequence 457282, A
101	15.4	77.0	522	6	US-09-925-065A-457283	Sequence 457283,
102	15.4	77.0	522	6	US-09-925-065A-457284	Sequence 457284,
103	15.4	77.0	525	6	US-09-925-065A-457285	Sequence 457285,
104	15.4	77.0	525	6	US-09-925-065A-248885	Sequence 248885,
105	15.4	77.0	534	6	US-09-925-065A-131658	Sequence 131658,
106	15.4	77.0	548	6	US-09-925-065A-127179	Sequence 127179,
107	15.4	77.0	551	6	US-09-925-065A-732939	Sequence 732939,
108	15.4	77.0	559	6	US-09-925-065A-790794	Sequence 790794,
109	15.4	77.0	561	6	US-09-925-065A-793408	Sequence 793408,
110	15.4	77.0	565	6	US-09-925-065A-15880	Sequence 15880, A
111	15.4	77.0	570	6	US-09-925-065A-272467	Sequence 272467,
112	15.4	77.0	575	6	US-09-925-065A-651599	Sequence 651599,
113	15.4	77.0	583	6	US-09-925-065A-599124	Sequence 599124,
114	15.4	77.0	583	6	US-09-925-065A-599125	Sequence 599125, A
115	15.4	77.0	583	6	US-09-925-065A-850674	Sequence 850674,
116	15.4	77.0	585	6	US-09-925-065A-383318	Sequence 383318,
117	15.4	77.0	588	6	US-09-925-065A-357422	Sequence 357422,
118	15.4	77.0	593	6	US-09-925-065A-357423	Sequence 357423,
119	15.4	77.0	593	6	US-09-925-065A-60606	Sequence 60606, A
120	15.4	77.0	596	6	US-09-925-065A-664094	Sequence 664094,
121	15.4	77.0	599	6	US-09-925-065A-850080	Sequence 850080,
122	15.4	77.0	600	6	US-09-925-065A-897432	Sequence 897432, A
123	15.4	77.0	601	6	US-09-925-065A-664093	Sequence 664093,
124	15.4	77.0	607	6	US-09-925-065A-636996	Sequence 636996,
125	15.4	77.0	610	6	US-09-925-065A-848992	Sequence 848992,
126	15.4	77.0	619	6	US-09-925-065A-769022	Sequence 769022,
127	15.4	77.0	640	6	US-09-925-065A-834373	Sequence 834373, A
128	15.4	77.0	787	8	US-10-750-185-36151	Sequence 36151, A
129	15.4	77.0	787	8	US-10-750-623-36151	Sequence 36151,
130	15.4	77.0	936	7	US-10-932-182A-408	Sequence 408, A
131	15.4	77.0	936	7	US-10-932-182A-408	Sequence 408, App
132	15.4	77.0	992	12	US-09-925-065A-695080	Sequence 695080,
133	15.4	77.0	1406	12	US-10-995-561-13499	Sequence 13499, Appl
134	15.4	77.0	1832	12	US-10-995-561-13360	Sequence 13360, A
135	15.4	77.0	2338	8	US-10-750-185-25463	Sequence 25463, A
136	15.4	77.0	2828	8	US-10-750-623-25463	Sequence 25463, A
137	15.4	77.0	3028	8	US-10-750-185-35726	Sequence 35726, A
138	15.4	77.0	3648	8	US-10-750-623-35726	Sequence 35726, A
139	15.4	77.0	12642	12	US-11-080-991-21	Sequence 21, Appl
140	15.4	77.0	27240	8	US-10-750-72174	Sequence 72174, A
141	15.4	77.0	52520	8	US-10-995-561-13499	Sequence 13499, A
142	15.4	77.0	135462	7	US-10-330-773-37	Sequence 37, Appl
143	15.4	77.0	179603	7	US-10-330-773-37	Sequence 37, Appl
144	15.4	77.0	179666	12	US-11-121-086-67	Sequence 67, Appl
145	15.4	77.0	1691140	12	US-11-091-018-1	Sequence 1, Appli
146	15.4	76.0	385	6	US-09-925-065A-203885	Sequence 203885,
147	15.4	76.0	497	6	US-09-925-065A-178298	Sequence 178298,
148	15.2	76.0	506	6	US-09-925-065A-477050	Sequence 477050,
149	15.2	76.0	536	6	US-09-925-065A-866101	Sequence 866101,
150	15.2	76.0	562	6	US-09-925-065A-371297	Sequence 371297,
151	15.2	76.0	564	6	US-09-925-065A-72174	Sequence 72174, A
152	15.2	76.0	583	6	US-09-925-065A-357970	Sequence 357970,
153	15.2	76.0	583	6	US-09-925-065A-274437	Sequence 274437, A
154	15.2	76.0	583	6	US-09-925-065A-274438	Sequence 274438,
155	15.2	76.0	585	6	US-09-925-065A-274439	Sequence 274439,
156	15.2	76.0	590	6	US-09-925-065A-384417	Sequence 384417,
157	15.2	76.0	590	6	US-09-925-065A-357967	Sequence 357967,
158	15.2	76.0	590	6	US-09-925-065A-357968	Sequence 357968,
159	15.2	76.0	593	6	US-09-925-065A-357969	Sequence 357969,
160	15.2	76.0	593	6	US-09-925-065A-521141	Sequence 521141,
161	15.2	76.0	605	6	US-09-925-065A-624614	Sequence 624614,
162	15.2	76.0	612	6	US-09-925-065A-292283	Sequence 292283,
163	15.2	76.0	612	6	US-09-925-065A-292284	Sequence 292284,
164	15.2	76.0	616	6	US-09-925-065A-292984	Sequence 292984,
165	15.2	76.0	616	6	US-09-925-065A-247282	Sequence 247282,
166	15.2	76.0	616	6	US-09-925-065A-247283	Sequence 247283,

#					Accession	Sequence
167	15.2	76.0	616	6	US-09-925-065A-247284	Sequence 247284,
168	15.2	76.0	616	6	US-09-925-065A-383694	Sequence 383694,
169	15.2	76.0	618	6	US-09-925-065A-312076	Sequence 312076,
170	15.2	76.0	622	6	US-09-925-065A-508195	Sequence 508195,
171	15.2	76.0	622	6	US-09-925-065A-508196	Sequence 508196,
172	15.2	76.0	628	6	US-09-925-065A-371298	Sequence 371298,
173	15.2	76.0	631	6	US-09-925-065A-183445	Sequence 183445, A
174	15.2	76.0	631	6	US-09-925-065A-183446	Sequence 183446,
175	15.2	76.0	631	6	US-09-925-065A-183447	Sequence 183447,
176	15.2	76.0	631	6	US-09-925-065A-183448	Sequence 183448, A
177	15.2	76.0	635	6	US-09-925-065A-550285	Sequence 550285,
178	15.2	76.0	635	6	US-09-925-065A-550284	Sequence 550284,
179	15.2	76.0	635	6	US-09-925-065A-550283	Sequence 550283,
180	15.2	76.0	709	6	US-09-925-065A-943933	Sequence 943933, A
181	15.2	76.0	825	6	US-09-925-065A-574455	Sequence 574455,
182	15.2	76.0	842	6	US-09-925-065A-82131	Sequence 82131, A
183	15.2	76.0	1190	8	US-10-750-185-60839	Sequence 60839,
184	15.2	76.0	1190	8	US-10-750-623-60839	Sequence 60839, A
185	15.2	76.0	1280	6	US-09-925-065A-35652	Sequence 35652, A
186	15.2	76.0	1923	12	US-11-111-288-3	Sequence 3, Appli
187	15.2	76.0	1946	6	US-09-925-065A-723656	Sequence 723656, A
188	15.2	76.0	2327	6	US-09-925-065A-37107	Sequence 37107, A
189	15.2	76.0	2327	6	US-09-925-065A-37107	Sequence 37107, A
190	15.2	76.0	6245	7	US-10-330-773-306	Sequence 306, App
191	15.2	76.0	12277	8	US-10-477-507A-3	Sequence 3, Appli
192	15.2	76.0	23852	7	US-10-330-773-325	Sequence 325, A
193	15	76.0	23852	7	US-10-330-773-817	Sequence 817, App
194	15.2	76.0	204803	7	US-11-111-086-17	Sequence 17, App
195	15.2	76.0	210920	7	US-10-995-561-13227	Sequence 13227, A
196	15.2	76.0	317870	8	US-10-995-561-13227	Sequence 13227, A
197	15.2	76.0	358847	7	US-11-083-784-1270888	Sequence 1270888, A
198	15	75.0	397	6	US-09-925-065A-621086	Sequence 621086, A
199	15	75.0	558	6	US-09-925-065A-621084	Sequence 621084,
200	15	75.0	558	6	US-09-925-065A-621085	Sequence 621085,
201	15	75.0	582	6	US-09-925-065A-190074	Sequence 190074,
202	15	75.0	593	6	US-09-925-065A-621025	Sequence 621025, A
203	15	75.0	626	6	US-09-925-065A-481302	Sequence 481302,
204	15	75.0	1728	7	US-10-932-182A-383142	Sequence 383142,
205	15	75.0	1728	7	US-10-932-182A-8020	Sequence 8020, A
206	15	75.0	2364	7	US-10-932-182A-82020	Sequence 82020, A
207	15	75.0	2364	7	US-10-932-182A-82020	Sequence 82020, A
208	15	75.0	3525	7	US-10-932-182A-2675	Sequence 2675, Ap
209	15	75.0	3525	7	US-10-932-182A-2675	Sequence 2675, Ap
210	14.8	74.0	611587	12	US-11-310-914A-1272546	Sequence 1272546,
211	14.8	74.0	18	7	US-11-101-244-973371	Sequence 973371, A
212	14.8	74.0	19	10	US-11-101-244-973371	Sequence 973371,
213	14.8	74.0	19	11	US-11-083-784-1270888	Sequence 1270888, A
214	14.8	74.0	19	11	US-11-083-784-1270888	Sequence 1270888,
215	14.8	74.0	20	8	US-10-750-185-11267	Sequence 11267, A
216	14.8	74.0	20	8	US-10-750-623-11267	Sequence 11267,
217	14.8	74.0	20	8	US-10-310-914A-154554	Sequence 154554,
218	14.8	74.0	20	8	US-10-310-914A-611325	Sequence 611325, A
219	14.8	74.0	25	8	US-10-310-914A-345034	Sequence 345034,
220	14.8	74.0	50	12	US-11-175-859-8989	Sequence 8989, Ap
221	14.8	74.0	201	8	US-10-995-561-5970	Sequence 5970, Ap
222	14.8	74.0	201	8	US-10-995-561-5975	Sequence 5975, Ap
223	14.8	74.0	201	8	US-10-995-561-5987	Sequence 5987, Ap
224	14.8	74.0	201	8	US-10-995-561-5990	Sequence 5990, Ap
225	14.8	74.0	201	8	US-10-995-561-5995	Sequence 5995, Ap
226	14.8	74.0	201	8	US-10-995-561-30921	Sequence 30921, A
227	14.8	74.0	201	8	US-10-995-561-31042	Sequence 31042, A
228	14.8	74.0	201	8	US-10-995-561-31042	Sequence 31042, A
229	14.8	74.0	201	8	US-10-995-561-47115	Sequence 47115, A
230	14.8	74.0	201	8	US-10-995-561-47856	Sequence 47856, A
231	14.8	74.0	201	8	US-10-995-561-47856	Sequence 47856, A
232	14.8	74.0	201	8	US-11-043-752-1765	Sequence 1765, A
233	14.8	74.0	238	12	US-11-043-752-1768	Sequence 1768, A
234	14.8	74.0	414	6	US-09-925-065A-76536	Sequence 76536, A
235	14.8	74.0	414	6	US-09-925-065A-219958	Sequence 219958,
236	14.8	74.0	442	6	US-09-925-065A-641668	Sequence 641668,
237	14.8	74.0	459	6	US-09-925-065A-737265	Sequence 737265,
238	14.8	74.0	459	6	US-09-925-065A-737265	Sequence 737265,
239	14.8	74.0	616	6	US-09-925-065A-757058	Sequence 757058,